
EDUCATION

Stanford, CA Stanford University 09/15-Present

M.S. Electrical Engineering – Information Systems, Control and Optimization
B.S. Electrical Engineering – Physical Technology and Science

Coursework Areas: Computer Programming & Systems; Signal Processing, Control & Optimization; Analog, Digital & Embedded Systems; Sensors & Mechatronics; Sustainable Engineering; Creative Fiction & Nonfiction; Film Analysis; Public Speaking; Negotiations & Strategy.

Houston, TX Clear Lake High School 08/11 - 06/15

Academics: Summa Cum Laude & Distinguished Achievement Program Graduate, Salutatorian; Phi Beta Kappa Jenard M. Gross Distinguished Scholar; National Merit Scholar; National AP Scholar; **Activities:** Science & Math National Honor Societies, Speech & Debate, Red Cross Club.

LEADERSHIP & SERVICE

VP, Business Association of Stanford Entrepreneurial Students (BASES) – Organized Startup Career Fair featuring 70+ companies and managed \$20,000+ operating budget; hosted prominent VCs and CEOs on campus to discuss ideas & share knowledge; led efforts to explore global innovation ecosystems on-site in Chicago and Los Angeles.

Entrepreneurship Associate, Stanford Technology Ventures Program – Facilitated entrepreneurship programs (Sparks, ETL) and co-created the Innovation Ambassadors Program to better connect Stanford students to the entrepreneurship community. Conducted data collection & analysis to optimize student attendance and experience at programs.

Academic Chair, Stanford Sanskriti (Undergraduate South Asian Community) – Connected faculty and alumni to Stanford students for mentorship; coordinated multicultural events for Stanford community such as *Rhythms*, a cultural showcase featuring 18+ Arts Groups; Raised \$8000+ for Flood Victims in Tamil Nadu, India.

Tamil Nadu Foundation (TNF): Developed a Summer Internship Program for US High School / College Student Volunteers to provide students in Indian government-aided schools with academic and soft-skills training; program now in fifth year of operation and 50+ students have participated across 8 schools and 7 regions in India. Currently on youth board overseeing further expansion.

Engineers for a Sustainable World (Stanford ESW): Engineered a compact, micro-hydro power-based communal metering system capable of determining variable power consumption from multiple sources and transmitting data; worked on Breadboard/PCB Design, Power Sensing, and GSM Data Transmission; deployed in Indonesia in 2016.

PROJECTS & PROFESSIONAL EXPERIENCE

Arch Systems (Mountain View, CA; 07/18 - 09/18): Worked at Arch Systems, an Industrial IoT startup, across engineering and product management. Assembled a system based on Industrial Ethernet protocols for machine data extraction, created a tutorial series to introduce developers to sensor configuration & data analysis, and developed a product/ecosystem framework to organize technology solutions.

N Fellowship/Vopak (Rotterdam, The Netherlands; 07/17 - 09/17): Selected as 1 of 7 students globally for the inaugural N Fellowship. Focused on configuration and deployment of IoT sensor networks (LPWAN) and Optic Fiber Sensing for monitoring energy assets at Vopak. Worked directly with CEO and CIO to oversee technology strategy for M2M Communication and Data Analytics.

NASA/S&K Technologies (Houston, TX; 06/16 - 09/16): Created a dynamic data visualization module with integrated risk management protocols for the Solar Probe Plus Mission (now the Parker Solar Probe), the first-ever mission to characterize the Sun's corona in detail (deployed in mid-summer 2018).

Aquilos (Stanford, CA; 08/16 - Present): Co-created a mobile vision testing system capable of dynamically determining distance from smartphone camera to human cornea and subsequently assessing visual acuity. The system is the first of its kind to allow for real-time vision assessment based on the LogMAR scale; two provisional patents granted.

Easily Regenerated, Readily Deployable Absorbent for Heavy Metal Removal (Rice University, Houston; 06/13 – 07/17): Created a novel Multi-Walled Carbon Nanotube (MWN'T)-based renewable filter for cost-effective and efficient removal of heavy metal toxins from water contaminated by electronic waste - published in *Nature Scientific Reports* (Lead Author).

ADDITIONAL INFORMATION

Skills: Rapid Prototyping; Computational Modeling; Programming experience in Java, Python, C++, C, and MATLAB; proficient in use of Microsoft Office Suite & IDEs; Experience in Engineering, Product Management & Business Development.

Awards:

- Named Stanford Mayfield Fellow, 2019
- Inducted to Tau Beta Pi National Engineering Honor Society, 2018
- President's Award for Academic Excellence, Stanford University, 2017
- Winner of 2015 Stockholm Junior Water Prize, represented United States, 2015
- Inducted to Rodale 100 (People, Products, Companies, Organizations Positively Impacting Our World), 2015
- Coca-Cola Scholar, 2015
- AXA Achievement Scholar, 2015
- Intel International Science and Engineering Fair - First Place & Best of Category Winner, 2014

Interests: Film & Literature; Philosophy; Government & International Relations; Travel; Hiking & Climbing; Tennis & American Football

EDUCATION

Stanford University , <i>Class of 2020 Student and Mayfield Fellow</i>	September 2016 – June 2020 Stanford, CA
<ul style="list-style-type: none">• Pursuing B.S in Symbolic Systems, concentrating in Computational Journalism, and minoring in English Literature. Mayfield Fellows Program.• Skills: Spanish Language (conversational and working proficiency), Python, C++, Java, HTML, CSS, JavaScript.	

WORK EXPERIENCE

Bridgewater Associates , <i>Investment Associate Intern</i>	June – August 2018 Westport, CT
<ul style="list-style-type: none">• Member of the 2018 investment associate internship class at the world's largest hedge fund. Gained proficiency in data analysis, worked on a team to produce daily market observations for clients, and completed a rigorous economics course, which surveyed the fundamental drivers of macroeconomics.	

The Stanford Daily , <i>Managing Editor of News</i>	September 2016 – Present Stanford, CA
<ul style="list-style-type: none">• Independently report for the breaking news and investigative journalism teams of Stanford's oldest independent news publication.• Shape newsroom vision and the arc of the paper's coverage in collaboration with other news team leadership by leading our team of >50 news reporters, providing constructive edits for writers, holding regular beat meetings, and facilitating story idea generation.	

Girls Who Code , <i>Local Founder and President</i>	May 2015 – Present Santiago, Chile
<ul style="list-style-type: none">• Produced research for the international team and met with educators in Santiago, Chile to work on translating the curriculum into Spanish and introducing GWC to Latin America.• Created and led the first branch of this national organization in West Michigan, assisted with curriculum delivery, and facilitated tech exposure opportunities. Expanded the program to reach over 60 students.• One of twenty girls selected for the 2015 GWC computer science summer intensive at Microsoft, a program with the goal of closing the gender gap in technology.	

PROJECTS

Heart Cart , <i>Team Leader</i>	September 2014 – 2016 Grand Rapids, MI
<ul style="list-style-type: none">• Partnered with local food banks, pantries and grocery stores to develop an app called Heart Cart, which makes charitable drive organization more efficient and simple. Entered the Technovation Challenge and placed as the international semifinalist team for North America.	

Stanford Title IX Investigation , <i>Writer</i>	March – April 2018 Stanford, CA
<ul style="list-style-type: none">• Authored articles as a part of a Daily newsroom team investigating university jurisdiction in alumni Title IX cases. Link to author archive available upon request.	

Vision and Perception Neuroscience Lab , <i>Researcher</i>	September – December 2018 Stanford, CA
<ul style="list-style-type: none">• Produced neural imaging, data interpretation, and algorithm correction for a longitudinal childhood brain development study in Dr. Kalanit Grill-Spector's Lab.	

Chinese Railroad Workers Project , <i>Researcher</i>	December 2016 – June 2017 Stanford, CA
<ul style="list-style-type: none">• Pulled from a combination of historical documents in Stanford's archives and digital collections to piece together narratives about railroad workers' experiences and document them through written reports and data visualization.	

Voteworthy.org , <i>Programmer</i>	June – August 2015 Chicago, IL
<ul style="list-style-type: none">• Collaborated with three GWC classmates to create a website that aggregates information about all of the 2016 presidential candidates.	

FRANK BUNCOM IV



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PROFILE

I am a disciplined, former Stanford student-athlete looking for opportunities to utilize my analytical and collaborative skills. I have a background in human biology and have experience within the medical device field as a research assistant.

SKILLS

Team leadership, communication, research lab experience, biodesign process thinking
Basic familiarity with HTML, Java, R, Matlab, Tableau

EXPERIENCE

RESEARCH ASSOCIATE / INVICTA MEDICAL

Nov 2017 - Present

- ◆ Lead R&D projects providing direction to interns
- ◆ Work with the engineering team to create and test prototypes
- ◆ Worked here as an intern from Feb – Nov 2017, prior to promotion to current role

SHADOW / VERB SURGICAL

Jul 2018

- ◆ Peered inside another fascinatingly innovative company and learned about the financial side of a company from Dave Herrmann, Vice President of Marketing and Business Development

MEDICAL LAB ASSISTANT / STANFORD UNIVERSITY

Jan 2016 – Jan 2017

- ◆ Investigated treatments for Alzheimer's, Parkinson's, etc in Dr. Frank Longo's research lab
 - ◆ Used mice models for brain slicing and staining in conjunction with microscopic analysis to identify tau protein buildup
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EDUCATION

HUMAN BIOLOGY, B.S. / 2019

Stanford University

2019 Mayfield Fellows Program

LEADERSHIP ACTIVITIES

- ◆ Speaker at the 2019 Pediatric Orthopedic and Sports Medicine Conference at Stanford University
 - ◆ Stanford Varsity Football Team starter for 3 years
 - First Team PAC-12 All-Academic selection (2016 - 2018)
 - 2018 Chris Draft Commitment to Community Outreach Award
 - ◆ Stanford Sexual Assault & Relationship Abuse (SARA) Ambassador
 - ◆ Young Christians Making a Difference
 - Non-profit I founded in high school to raise funds for Hogar Infantil la Gloria (orphanage in Tijuana, Mexico)
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EDUCATION

Stanford University, Stanford, CA
BS Mathematics, Minor in Philosophy
MS Computer Science, AI track
Mayfield Fellows Program

Expected June 2019
Expected June 2020

- 1 of 12 fellows selected for program in technology venture leadership.

EXPERIENCE

8VC Fellow
Jun 2018 - Sep 2018

8VC
San Francisco, CA

- 1 of 15 fellows selected for 8VC Fellowship Program.
- Attended weekly fellow events to meet and learn from notable entrepreneurs, company executives, and investors.

Software Engineering Intern
Jun 2018 - Sep 2018

Blend
San Francisco, CA

- Worked as a front-end developer on the Intelligence and Lender teams.
- Worked closely with designers to create user-facing features to drive up retention rates on Blend's lender platform and features to collect user data and feedback.

Software Engineering Intern
Jun 2017 - Sep 2017

Google
New York, NY

- Designed and implemented an end-to-end machine learning pipeline to classify articles perpetuating false information in Google Search and News.
- Performed error analysis on classifications, experimented with different learning models, and hyper-tuned parameters to ultimately outperform baseline by about 15%.

SELECTED RESEARCH PROJECTS

Predicting RNA Folding

- Developed a reinforcement learning based model to predict RNA folding in a game playing format.
- Given Best Life Sciences project award in graduate-level machine learning course (CS 229).

Brain Segmentation for Mental Health

- Worked with the Pediatric Mood Disorders Program in the Department of Psychiatry to apply computer vision models to aid with the diagnosis of mood disorders.
- Developed neural network to automate brain segmentation tasks in fMRI data.

LEADERSHIP

Stanford Basmati Raas

Captain

- Choreographed dances and led 16-person nationally competitive Garba-Raas dance team.
- Handled competition logistics and helped manage budget of over \$20,000.

Los Hermanos de Stanford

President

- Organized Latino culture events on campus and lead service initiatives for 50+ members.
- Generated \$3000 for scholarships for low-income and first-generation college-bound students.

Stanford Residences

Residential Assistant

- Responsible for wellness of 78 freshmen and cultivation of dorm community.
- Acted as dorm treasurer and managed a budget of over \$30,000.

LANGUAGES

Spanish (native), Hindi (proficient), Python, C++, C, Java, Javascript

Isaac L. G. Goldstein

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Mission: I want to serve as momentum for greater equity in this world through synthesizing mindful leadership, technical skills, and creativity to change the narrative around how we live.

EDUCATION

Stanford University, Stanford, CA - GPA: 3.79/4.00

BS: Symbolic Systems (Narrative Inquiry), 2019 | MS: Computer Science, 2020

International study

- *South Africa*: Public Health & Development (Mar-Jun 2017) - coursework and dialogues with 16 NGOs, 5 public health clinics
- *Chile*: Alzar School (Aug-Dec 2013) - leadership semester that leveraged outdoor platforms, homestays, and travel for learning

LEADERSHIP & MANAGEMENT

Product Management Intern, Intuit - Mountain View, CA

Jun-Sep 2018

- Shipped new reporting structure to reveal business insights within QuickBooks Online (v.1809) - through x-functional sprints
- Conducted generative research on new start project-based businesses to uncover top pains and strategic takeaways

Co-Chair, Camp Kesem Stanford - Stanford, CA

Jan 2016 - present

- Co-Chair (2018-2019): manage executive team to fundraise \$250,000 and construct camp for kids dealing with a parent's cancer
- Communications Coordinator (2017-2018): manage outreach for fundraising, social media, photography, and camper spotlights

Resident Computer Consultant (RCC), Stanford University - Stanford, CA

Sep 2018 - present

- Connect cutting-edge technologies to student life through educational and experimental experiences
- Develop community with the residence La Casa Italiana through programming and interpersonal awareness

Project Manager, Human Rights Media Centre - Cape Town, South Africa

Jun-Aug 2017

- Managed projects on refugee status and albinism awareness, leveraging life stories to affect change
- Authored report concerning the pending Rwandan Cessation Clause, sent to UN-HCR (refugee committee)

Stanford Student Government - Stanford, CA

Sep 2015 - Jun 2017

- Sophomore Class Cabinet: organized all-campus events and class connections that promoted awareness and reflection
- Freshman Dorm Treasurer: managed \$28,000 budget, planned activities and trips with dorm government team

Tutor and Classroom Teacher, Ivy Bound Test Prep - Newington, CT

Jul 2015 - present

- Teach college-entrance exam courses and academic tutoring, in person and via internet • 2016 Junior Tutor of the Year
- Summer 2016: taught ACT prep courses in Kigali, Rwanda

Leader, Stanford Outdoor Education - Stanford, CA

Apr 2016 - present

- Co-lead SPOT, backpacking trips for incoming freshman that foster vulnerability, curiosity, and community in the outdoors

Founder, Get Out Cincinnati - Cincinnati, OH

Nov 2013 - Sep 2015

- Created community program that introduces area youth to resources for outdoor activity and adventure in an urban setting

TECHNICAL SKILLS

Programming languages: Python • C • C++ • Java **Exposure to:** CSS • HTML • Java Script

Tools: Eclipse • Qt Creator • gdb **Operating Systems:** Linux • UNIX **Text editors:** sublime • vim • emacs

Software abilities: fundamental data structures • data representation • object-oriented design • search algorithms • memory allocation and management • Bayesian classification • linear regression • IR techniques • iOS development

CREATIVE ENDEAVORS

Storytelling - New York, Stanford, Cape Town

Sep 2016 - present

- Capstone in the Arts 2018-2019: constructing documentary theater piece to dissect gun violence beliefs and behaviors
- *Whose Language? Afrikaans in post-apartheid South Africa*: audio piece that weaves together life stories challenging dominant narratives
- Personal Narratives Arts Intensive: worked with 15 students in NY to transform life stories into communicative performances
- Stanford Storytelling Project: workshops, discussion, classes that leverage stories as a platform for social change

Theatrical performance - Cincinnati and Stanford

Sep 2011 - present

- Acting in a total of 15 shows over the past 7 years through student-run organizations and department productions
- Assistant-produced *Gaieties: A Future Past* (Nov 2016) • Directed *Will* (Jan 2017)

Yousef Hindy

Stanford, CA • Greenwich, CT

EDUCATION

Stanford University - Stanford, CA **September 2015 – June 2019**
Pursuing B.S. in Engineering Physics (Quantum Science & Engineering) GPA: 4.1
Coursework: Quantum Mechanics, Quantum Hardware, Probability & Statistics, Linear Algebra, Thermodynamics, E&M

Stanford University - Stanford, CA **March 2018 – June 2020**
Pursuing M.S. in Computer Science (Artificial Intelligence) GPA: 4.0
Coursework: Deep Learning, Algorithms, Computer Systems with Raspberry Pi, Computability Theory, Artificial Intelligence

EXPERIENCE

Nvidia Corp. – Artificial Intelligence Research Intern – Santa Clara, CA **June 2018 – August 2018**

- Applied Deep Q-Learning to active learning in Tensorflow for picking most valuable unlabeled data points for human labeling
- Trained agent surpassed random, entropy, and geometric baselines in improving model performance
- Built multi-purpose and modular simulator to run active learning experiments with 20x speedup on GPUs
- Model will be used for selecting “hard” data points that will improve safety and reliability of autonomous vehicles

Citadel LLC – Global Quantitative Strategies Research Intern – Chicago, IL **July 2017 – September 2017**

- Implemented unsupervised machine learning algorithms to find latent patterns in quantitative financial data
- Optimized various supervised and unsupervised machine learning techniques on the job
- Explored alternatives to specifications and common practices from the team

Autonomous Systems Laboratory - Research Assistant - Stanford, CA **June 2016 – March 2017**

- Interfaced congestion aware algorithms for autonomous mobility on demand systems into open source traffic simulator
- Designed experiments to test effectiveness of algorithms, which reduced service times by up to 40%

PROJECTS

Self-Attention Generative Adversarial Network **Spring 2018 – Summer 2018**

- Constructed SAGAN for creating perspective shifts and depth maps from single images
- Awarded runner-up for best project in CS231N (out of ~300 projects)

Walking Weatherman **Spring 2017**

- Composed network of sensors and software to create a t-shirt that would autonomously tell the weather
- Collaborated with a partner to acquire parts, strategize implementation, and optimize performance on a Raspberry Pi

Autonomous TurtleBot **Winter 2017**

- Realized full autonomy stack on TurtleBot: perception, mapping, decision making and control in Python
- Final software stack was able to explore an unknown environment and independently find objectives

ACTIVITIES AND LEADERSHIP

Mayfield Fellow 2019 - Stanford, CA **March 2019 - Present**

- One of 12 selected for a 9 month work-study fellowship program for leadership in technology

House Financial Manager (La Maison Française) – Stanford, CA **September 2018 – Present**

- One of seven house managers responsible for overseeing a residence of 50 students and fostering a sense of community
- Plan finances for everything from kitchen supplies and food to large-scale events with over 600 attendees

Chairman of Academic Affairs (Stanford Kappa Sigma) – Stanford, CA **January 2018 – January 2019**

- Founded the Kappa Sigma Lecture Series in which members present lectures on topics they are passionate about

Squash Player - Stanford, CA **2005 - Present**

- Captain and #1 Player on Stanford Intercollegiate Men’s team, travelling nationally to compete in NCAA tournaments

Publications

- Co-Author: F. Rossi, R. Zhang, Y. Hindy, M. Pavone, "Routing autonomous vehicles in congested transportation networks: structural properties and coordination algorithms", Autonomous Robots Journal, 2018 (invited paper)
- Co-Author: T. Dean, Y. Hindy, et. Al “Amanuensis: The Programmer’s Apprentice”, arXiv preprint, 2018

SKILLS

Python, Linux, C, C++, Java, MATLAB, R, git, svn, TensorFlow, version control

KATIE LANGELIER

klangel@stanford.edu

EDUCATION

Stanford University, Class of 2020, GPA: 3.94/4.0

- **B.A. in American Studies** – Concentration in Media and Visual Culture in the 20th and 21st Centuries. Selected coursework includes courses in media psychology, digital media and entrepreneurship at Stanford and Stanford GSB
- **2019 Mayfield Fellow** – Selected as one of 12 students for a nine month work-study fellowship program for leadership in technology

San Francisco University High School, San Francisco, CA, Class of 2016

- Activities included Chorus, A Capella, Drama, Musical Theater and Student Government

WORK EXPERIENCE

Tatcha LLC, *Marketing Intern* | San Francisco, CA | June – Sept. 2018

- Generated and presented decks on research findings and creative concepts to marketing department
- Managed orders and company data using spreadsheets and Netsuite Software
- Managed, monitored and responded daily to consumers in social media
- Communicated with influencers, PR agencies and other companies while assisting with preparation for product re-launch event in Los Angeles
- Analyzed and reported on the impact of social media strategies
- Tracked key competitive activity

RealTalk, *Marketing Intern* | San Francisco, CA | June – Sept. 2017

- Contacted and communicated with influencers
- Created and edited video content for end users and edited slide presentations for a pitch deck
- Pitched the app to potential partners
- Researched and reported on existing market competition
- Proposed and developed a strategy for rebranding the name

STUDENT GROUPS/LEADERSHIP EXPERIENCE

Stanford Marketing Group: *Client Associate* | Stanford, CA | 2018-2019

- Currently developing a marketing strategy for web-based retail company

Stanford Mixed Company A Capella, *Soprano* | Stanford, CA | 2016-2017

- Selected through audition process

San Francisco University High School: *Vice President Student Government* | San Francisco, CA | 2015-2016

- Elected by student body and faculty to organize activities and events

San Francisco University High School: *Peer Tutor* | San Francisco, CA | 2014-2016

- Chemistry and Western Civilization

SKILLS

iMovie and Microsoft Suite including Word, PowerPoint and Excel, HTML, PHP, Social Media, Public Speaking, Proficient in English and Spanish.

EXTRACURRICULAR AWARDS AND HONORS

American Protégé International Singing Competition, First Place: Opera Aria, 2016

Classical Singer Magazine Winner and First Round Finalist, Classical Division, 2015

National Association of Teachers of Singing (NATS): Winner: Art Song, 2015

International Competition of High School A Cappella (ICHSA): Semi Finalist, 2016 and 2015

National Honors Performance Series at Carnegie Hall: Finalist, 2016

COMMUNITY SERVICE

Holy Family Day Home, *Volunteer Teacher's Assistant* | San Francisco, CA | 2011-2016

Carly Malatskey

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EDUCATION

Stanford University, Class of 2020, Stanford, CA September 2016 - Present

- B.A. Candidate in Science, Technology, and Society with a concentration in Innovation & Organization
- Cumulative GPA: 3.8
- Coursework: Programming Methodology, Conflict Management and Negotiation, Organizations: Theory and Management, Technology Entrepreneurship, Storytelling for Entrepreneurs

Mayfield Fellow, Stanford Technology Ventures Program (STVP), Stanford, CA February 2019 - Present

Innovation and Entrepreneurship Study Abroad Program, Tel Aviv, Israel December 2017 - January 2018

Collier School of Management

- Ran case-analyses for Israeli VCs, international Tech giants (i.e. Ebay & Intel), & start-ups
- Leveraged personal networks, developed networking skills, learned data analytics

EXPERIENCE

Stanford Women's Soccer Team, Stanford, CA August 2016 - Present

Defender / Forward

- Key contributor to nationally recognized defensive line; won three consecutive Pac-12 Championships and a National Championship (2017)
- Recognized as a competitive teammate with a strong work ethic and the ability to work well with others

Stanford TAMID Chapter, Stanford, CA September 2018 - Present

Member

- Work in a consulting team that meets weekly to advise Israeli companies on solutions to business problems
- Offer effective consulting services in market research, business development strategy, and branding

LEADERSHIP EXPERIENCE

Main Quad Rentals: Roomie Rentals Furniture Rental Company, Stanford, CA April 2018 - Present

Manager

- Recognized a need for convenient & affordable rental furnishing for students, and therefore, introduced Main Quad Rentals to Stanford University: a national company that rents out mattresses to college students with minimum hassle
- Work on social media marketing and act as a liaison with the administration
- Gain business and entrepreneurial experience learning about branding, marketing, and business operations

The Coin Flyp, Stanford, CA January 2019 - Present

Campus Ambassador

- Oversee the launch, distribution, and marketing of Stanford's website for The Coin Flyp: the first media site for athletes that highlights life after sports to ease the transition for current student-athletes entering the work place
- Work on the digital media aspects of growing a startup including content development, content marketing, digital media growth and market strategies to promote the site's content

WayUp, Stanford, CA August 2018 - December 2018

Campus Ambassador

- Help my peers get hired by building the WayUp brand at Stanford University through on-the-ground initiatives and creating an online presence for WayUp

Collaborations with Danny Dankner (CEO of IntelliGym), Stanford, CA December 2017 - March 2018

Advisor

- Personally worked with the CEO of a start-up company that has developed a program for athletes using cognitive simulation technology, which has been used by numerous U.S. National teams and is looking to expand to different, high-level sports.

SKILLS

Java, R, Public speaking, Final Cut, Negotiation, MS Word, PowerPoint, Excel, problem-solving, communication, teamwork

Interests: Soccer, Travel, Musicals, Meditation

EDUCATION

Stanford University Stanford, CA	Expected 2020
B.S. Computer Science, Human Computer Interaction Track (3.95 GPA)	
M.S. Management Science and Engineering, Computational Social Science Track	
Mayfield Fellow 2019	
American School Foundation of Monterrey Santa Catarina, Mexico	2001-2016
President's Award of Educational Excellence (97% Cumulative Average)	

PROFESSIONAL EXPERIENCE

Product Management Intern Monterrey, Mexico	June – August 2018
Moneypool - Startup that facilitates p2p transactions via individual or group payments	
<ul style="list-style-type: none"> - Performed data analysis with SQL and created eight dashboards that measured AARRR and other vital metrics - Composed GTM strategy for release of a feature estimated to increase payments by 100% - Created system for feature prioritization based on the ICE metric - Developed specs, created UX, and collaborated with designers to create mockups for 10 features 	
Community Development Intern Jodhpur, India	June – August 2017
Inst. For Philanthropy & Humanitarian Development (IPHD) - Grassroots non-profit	
<ul style="list-style-type: none"> - Created four-year strategic business plan for Girls Education Program, impacting over 400 beneficiaries - Conducted field research to identify obstacles preventing girls from receiving education - Assembled centralized research database and onboarded employee to maintain and leverage the information 	
Investigation & Evaluation Intern San Pedro Garza Garcia, Mexico	June – August 2015
Via Educación - Non-profit that designs, implements, & evaluates educational strategies	
<ul style="list-style-type: none"> - Developed tangible, six-year, educational goals through benchmarking and data analysis, signed by governor - Aided in development of a worker education consulting project for a major company in Mexico 	

LEADERSHIP EXPERIENCE

President (former VP) Stanford, CA	May 2017 – Present
International Latino Business Association (ILBA)	
<ul style="list-style-type: none"> - Coordinated mentorship program between 60 Latino undergraduates and MBA students - Organized resume workshops and recruitment events for Latino community 	
Teacher Assistant for MS&E 177 Creativity Rules: Inventing the Future Stanford, CA	Sept. 2018 – Dec. 2018
Hasso Plattner Institute of Design (d.School)	
<ul style="list-style-type: none"> - Coordinate class logistics for Tina Seelig and Lisa Solomon - Participate in teaching team meetings, student selection, class grading 	
Computer Science, Math & Spanish Tutor Stanford & E. Palo Alto, CA	Sept. 2016 – Present
Stanford Office of Accessible Ed. & Ravenswood Reads Program	
<ul style="list-style-type: none"> - Tutored CS106A (introductory CS class) students with learning disabilities - Crafted lesson plans and taught reading and Math to pre-schoolers 	
Head of Operations Stanford, CA	June 2018 – Present
Stanford Social Entrepreneurial Student Association (SENSA)	
<ul style="list-style-type: none"> - Oversee all other groups within the organization and coordinate internal matters - Organized Social Impact Night (at GSB), with over 150 attendees from all disciplines and all educational levels 	

PROJECTS

Very Impactful People Speaker Series Stanford, CA	April 2017 – June 2018
Stanford Social Entrepreneurial Student Association (SENSA)	
<ul style="list-style-type: none"> - Led 8-person team in creating bi-annual, Stanford credited speaker series with 100+ students enrolled - Hosted 20 social entrepreneurs, all founders/CEOs, from PATH, B Corps, Kiva, ACLU and others - Initiated video-interview project called "5 in 5", interviewed every speaker to reach a wider audience 	
Mobile Mentor App Stanford, CA	April – June 2018
Teen Smart International - Non-profit that promotes teen health in Latin America	
<ul style="list-style-type: none"> - Designed and built Native app that enables users to provide personal health information and receive tailored push notifications to incentivize positive health habits 	
"Paraiso del Libro" Library Rinconada, Mexico	May 2014 – May 2016
National Honor Society (NHS) President	
<ul style="list-style-type: none"> - Fundraised over \$16,000 and built a library (inaugurated March 2016) for a rural public school in Mexico 	

PERSONAL

Skills – Adobe Suite, C, C++, Design Thinking, CSS, HTML, Java, JavaScript, Lean Methodology, Python, React Native
Languages – Spanish (native language), English (bilingual proficiency)
Interests – Education, foreign cultures, half marathons, rock climbing, social entrepreneurship, tennis

Education**Stanford University**

Cumulative GPA 3.85/4

MS, Computer Science — Dec 2019

Human-Computer Interaction Track

BS, Product Design Engineering — Jun 2019

Leadership**Mayfield Fellows Program**

Fellow | Feb 2019 – Present

One of 12 selected for a 9 month work-study program for leadership in entrepreneurship

Senior Class Cabinet

Marketing Chair | Jun 2018 – Present

One of 20 members of student government working closely with Stanford administration to organize campus-wide events for the senior class

Design for America

Stanford Studio Member | Jan – Jun 2017

Utilized design thinking to tackle campus mental health issues and conduct in-depth user research

Stanford Design Initiative

Executive Board Member | Jan 2016 – Jun 2017

Organized events with companies to teach design skills and foster campus design community

Women in Computer Science

HackOverflow Organizer | Oct 2015 – May 2016

Organized Stanford's largest diversity-focused hackathon and hardware-hacking workshops

Girls Teaching Girls to Code

Web Design Team Lead | Feb – Apr 2016

Created course curriculum and led team of 10 to teach 40+ girls at annual Code Camp

Honors

- 2017 **Stanford Arts Hackathon Winner**
Received \$1,500 grant for continued development of winning iOS application
- 2017 **SOCA Visual Arts Grant Recipient**
Received grant to build art installation for the Frost Music Festival and ZEDD
- 2016 **Qualcomm Women's National Collegiate Conference Scholar**
- 2015 **Stanford Psychology Scholar Award**
- 2015 **Mediaocean Women in Technology \$25,000 Scholarship Winner**
- 2015 **Intel Science Talent Search Semifinalist**
- 2015 **3 Scholastic Art & Writing Gold Keys**
- 2014 **NCWIT Aspirations in Computing Affiliate Award**
- 2014 **Girl Scout Gold Award**
Led team of 20+ to organize day camp introducing 100+ girls to computer science

Experience**Shift** — Product Design Intern

San Francisco, CA | Jun – Sep 2018

- + In charge of redesigning core customer financing experience
- + Led product road-map based on analysis of existing user data
- + Structured and conducted 11 user research sessions on prototypes
- + Oversaw developer hand-off and developed overarching funnel design patterns for all of Shift's mobile and desktop experiences

Emilio Pucci — Technology + Innovation Intern

Florence, Italy | Mar – Jun 2018

- + Designed and prototyped technology concepts for the major Italian luxury fashion house, working directly with Laudomia Pucci

IDEO — CoLab Fellow in Venture Design

San Francisco, CA | Jan 2018

- + Used emerging technologies (blockchain, AR/VR, and IoT) to build technology-led design as 1 of 12 full-time fellows in [IDEO's R&D Lab](#)
- + Worked in team of 4 with corporate partners such as Ford/Greenfield Labs to design and prototype ChainReaction, a decentralized platform to crowd-source civilian data for Amber Alerts

Google — Software Engineering Intern

Mountain View, CA | Jun – Sep 2017

- + Built tool for heuristic-based website generation for small businesses within ad creation flow using existing business profile information
- + Made design and technical decisions, creating API services and front-end features for mobile and web
- + Based on SMB conversions, project is being scaled by 4 engineers

Anderson Collection — Design + Marketing Intern

Palo Alto, CA | Dec 2016 – Jun 2017

- + Worked with directors of renowned modern art museum as the sole designer to create materials for both print and web circulation
- + Led redesign of museum's outdoor branding and welcome poster

Twitter — Software Engineering Intern

San Francisco, CA | Jun – Sep 2016

- + Designed and developed full-stack implementation of anti-spam and anti-abuse tools for Twitter's product safety and legal teams.
- + Utilized Ruby, Mustache, Scala to track and display login device info

CASCaM — Computational Research Assistant

Denton, TX | Dec 2013 – May 2015

- + Utilized parallel computing, NWChem, and Gaussian to analyze lanthanide compounds using ab initio methods
- + Worked under the advisement of [Dr. Angela Wilson](#) at the University of North Texas [Center for Advanced Scientific Computing and Modeling](#) (Wilson Group)

Skills**Programming** (by proficiency): Java, Python, JavaScript, HTML/CSS, C++, C, Ruby. Node.js, AngularJS, GWT.**Design:** Wireframing, rapid prototyping, ethnographic research, user interviewing, design thinking, illustration. Sketch, inVision, Illustrator.Interests

hiking, cultural psychology, painting, lo-fi music, contemporary art, reading

JULIA SCHULZ

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EDUCATION

Stanford University Stanford, CA	<i>2015 – Present</i>
<ul style="list-style-type: none">• M.S. in Management Science and Engineering focused on Technology & Engineering Management• B.S in Bioengineering, Class of 2019, GPA: 3.9/4.0• Mayfield Fellow: One of 12 selected to the 9-month technology venture leadership program	
Oxford University Stanford-in-Oxford, England	<i>09/17 – 12/17</i>
<ul style="list-style-type: none">• Intensive 10 week study in health economics and genomics under Prof. Dr. Sarah Wordsworth• Produced 100-page research report on ‘Cost-Effectiveness of Next Generation Sequencing Technologies as Diagnostic Approaches in the Clinical Setting’	
Bavarian International School e.V. Munich, Germany	<i>Class of 2015</i>
<ul style="list-style-type: none">• International Baccalaureate with 42 points; HL Math, Physics, Chemistry, English Literature; SL German Language and Literature, Economics• IGCSE in 2013, highest score in IGCSE Mathematics, Economics and Geography in Germany	

PROFESSIONAL EXPERIENCE

McKinsey & Company Intern Munich, Germany	<i>7/18 – 9/18</i>
<ul style="list-style-type: none">• Cross-functional project in operations and product development in the automotive sector	
Stanford Students in Biodesign Stanford, CA	
<ul style="list-style-type: none">• Connected Stanford students with opportunities in biotech innovation by introducing medical device companies and emerging healthcare technologies• Co-organized “Medicine in Silico” conference for 300 people featuring speakers from Google Brain, John Hopkins, MIT, Stanford and other notable institutes	
Audi AG Engineering & Design Intern Ingolstadt, Germany	<i>6/16 – 7/16</i>
<ul style="list-style-type: none">• Worked with several R&D teams on key trends/ideas in future automotive engineering including driver-less cars and zero-emission vehicles• Co-developed strategic plan to change the current company culture to speed-up the design and development process and thus prepare the organization for future challenges	
Stanford Consulting Stanford, CA	<i>11/15 – 5/16</i>
<ul style="list-style-type: none">• Consulted a non-profit firm in market expansion through benchmarking, strategies for development and partnership opportunities	
NFON Product Management Intern Munich, Germany	<i>7/14 – 8/14</i>
<ul style="list-style-type: none">• Helped develop strategy for product distribution of NFON’s based telecommunication solutions• Tasks included benchmarking and assisting the marketing and product management section of firm	

RESEARCH

Steinmetz Lab at Stanford Genome Technology Center Stanford, CA	<i>10/16 – Present</i>
<ul style="list-style-type: none">• Listed as co-author of Roy, K. Smith, J. et al “Multiplexed precision genome editing with trackable genomic barcodes in yeast.” Nat. Biotech. Online. https://doi.org/10.1038/nbt.4137• Research group of Prof. Dr. Lars Steinmetz working on creating a high-throughput platform for introducing precise genetic changes into many different loci using CRISPR-Cas9• Conducted individual project testing CRISPR system by analyzing phenotypes and improving editing efficiency of yeast mutants. Analyzed high-throughput sequencing data	
Helmstaedter Group at Max Planck Institute for Neurobiology Munich, Germany	<i>5/13 – 6/13</i>
<ul style="list-style-type: none">• Structure of Neocortical Circuits Research Group with Prof. Dr. Moritz Helmstaedter. Aim of mapping cerebral cortex to understand storage of sensory experiences	

LEADERSHIP

Delta Delta Delta Fraternity Event Chair ; organized ~ three weekly social events for 150 current Stanford members
German Language Tutor at Stanford University
Cashier at Germany’s leading retail chain (Edeka) during holidays, including supporting inventory management

ADDITIONAL INFORMATION

Languages: Completely bilingual (English and German)
Technical Skills: Java, C++, Python, Matlab, R, SolidWorks/OnShape, Excel
Lab Skills: DNA extraction, insertion, PCR, Gibson assembly, Western Blotting, 3D printing, prototyping

GUSTAVO TORRES DA SILVA
gustavotorres@stanford.edu

EDUCATION

Stanford University, Stanford, CA 09/2015 – present

- B.S. in Computer Science (AI track)
- GPA: 3.93/4.00.
- Mayfield Fellow 2019

Fundação Estudiar Fellowship 06/2015 – present

- The most competitive fellowship program in Brazil (24 selected out of 40,000 applicants).

RELEVANT WORK + LEADERSHIP EXPERIENCE

Hike Academy (<http://hikeacademy.com.br>), São Paulo, Brazil 02/2018 – present
Co-founder, CEO

- Created Hike to provide low-income people with software training and the opportunity to work as developers for companies;
- Got to the final interviews for Y Combinator.

Cheque (<https://chequebsx.github.io/>), Stanford, CA 09/2016 – 07/2017
Software Engineer, Product Lead

- Developed Cheque, a mobile app that provides Brazilians with updates on their deputies' votes;
- Won 4th place in US finals of the Microsoft Imagine Cup;
- Developed backend in Ruby on Rails; did some of the frontend using React;
- Led Product development (performing tests, identifying strengths, weaknesses, and new opportunities).

Khan Academy, Mountain View, CA 06/2017 – 09/2017
Software Engineering Intern

- Worked in the data engineering team making it easier for non-developers to run pipelines;
- Worked with Python (Django framework) and React;
- During company's Hackathon, came up with a new feature, implemented it and tested it with users.

CS 106BR (<http://cs106br.org>), São Paulo, Brazil 05/2016 – 08/2016
Lecturer

- Brought CS 106A (Stanford's introductory class to Computer Science) in Portuguese to Brazil (Google Campus São Paulo);
- With promo video published on Facebook, we had 18k views, reached 52k people and attracted 932 applicants.

Stanford Computer Science Department, Stanford, CA 09/2016 – 08/2017
Section Leader for CS 106A and CS 106B

- Taught weekly small group sections for Stanford's introductory class to computer science;
- Graded assignments and exams, and held office hours to provide students with assignment help.

Stanford Graduate School of Business, Stanford, CA 09/2016 – 03/2017
Teaching Assistant

- Worked in Professor Aaker's TA team to design material for classes about Virtual Reality and Purpose;
- Hired as TA after excellent performance in Professor Aaker's class about storytelling for business.

The Global Education and Leadership Foundation, New Delhi, India 09/2017 – 01/2018
Intern

- Coordinated efforts for digital platform and made initial designs for it;
- Built foundation's brand guidelines, culture guide, and a microsite for one of our initiatives.

Anheuser-Busch Inbev (AB Inbev), São Paulo, Brazil 06/2016 – 09/2016
Summer Intern

- Worked with craft beer at Zx Ventures, AB Inbev's disruptive growth group;
- Designed and developed (with Rails and Java) a web/mobile app for internal use of the craft beer team.

SKILLS: TECHNOLOGICAL/ BUSINESS

- MBA classes on and some experience with Design Thinking, storytelling and the Lean Startup methodology.
- Frameworks and tools: Rails, AngularJS, Node.js, React, React Native.
- Programming languages: Python, C, C++, Ruby, Javascript, Java (mostly Android)

ADDITIONAL INFORMATION

- Fellow of Yunus&Youth (social entrepreneurship mentorship);
- Awards in national level competitions of Math and Physics in Brazil;
- Runner up prize for Stanford's CS 109 Probability Contest;
- Received The President's Award for Academic Excellence (top 5% of Stanford's Class of 2019).