IAN CARLO MACATO

imacato@stanford.edu | bit.ly/icmlinkedin | bit.ly/icmgithub

EDUCATION

Stanford University, *Stanford, CA*   9/15 – Present
> Bachelor of Science | **Symbolic Systems** | Concentration in **Human-Computer Interaction**
> Bachelor of Arts | **Comparative Studies in Race and Ethnicity** | Concentration in **Intersectionality**
> *Programming*: MEAN Stack, React Native, Ruby/Rails, Javascript, Java, C/C++, HTML, CSS, Swift
> ***Design***: Human-Centered Design Thinking, Sketch, Photoshop, Indesign, Invision
> ***Distinctions***: President's Award for Excellence through Diversity, National Speech and Debate Finalist, Leading Through Education, Activism and Diversity Fellow, QuestBridge National College Match Scholar

EXPERIENCE

Giving Side, *Software Engineer*   7/17 – Present
- Created a nonprofit dashboard feature utilizing test-driven development of React-Rails.
- Contributed to the email processing of donations that totaled over $400,000.
- Designed a user facing profile for a user to track their giving.

Stanford University, Student *Lecturer/Product Manager*   3/17 – 6/17
- Co-taught a course, CS 50: Using Tech for Social Good, which partnered students with 7 nonprofits including the City of Oakland and the Red Cross to build software for social impact
- Managed product development for two teams of four students (two software engineers, designer, user researcher) to develop two web applications for civic technology and philanthropy

Facebook, *TechStart Stanford Chapter Program Manager*   7/16 – 6/17
- Support university chapter Role Models to increase computer science education for over 100 low income, traditionally underrepresented students, despite low budget and minimal volunteer staff
- Establish relationships with the university, high schools and community to institute the program
- Collaborate with student organizations to drive ideation, creation and iteration of Role Model events

Huntington's Disease Outreach Project for Education, Stanford (HOPES), *Web Developer*   5/16 – 6/17
- Develop a WordPress site that reaches families affected by Huntington's Disease and received over 50,000 page views/month
- Decrease website's bounce rate by 10% by implementing related articles feature of website
- Improve design and responsiveness on mobile phones utilizing HTML, CSS, mySQL and Javascript

CS + Mental Health, *Research Team Member*   1/16 – 6/16
- Developed five future potential projects at the intersection of computer science and mental health by collaborating with research labs at the Stanford School of Medicine and industry
- Assessed needs of the research team through discussing with principal investigators and student led team

PROJECTS

LinkedIn for Good, *CS for Social Good Studio Project*   1/17 – 6/17
- Conduct human centered design research to create journey maps, user archetypes and insight models for a mentorship program connecting hundreds of LinkedIn mentors and underprivileged youth
- Designed an iOS app feature for creating compatible mentorship relationships between under-resourced students and LinkedIn users who opt in to become mentors using Sketch and Invision.
- Built a Firebase database to push/pull user information to the Swift front-end.

Campaign Zero, *CS for Social Good Class Project*   9/16 – 12/16
- Created an interactive data visualization showing information about police violence in America viewed over 40,000 times/month that can help users understand this issue utilizing d3 Javascript
- Expanded the advocacy widget at joincamaignzero.org/action to integrate profiles of local elected officials from our database, empowering users to contact their local representatives and advocate for legislation to end police violence in PHP and Javascript

The Refugee Project, *Independent App Development Project*   7/16 – 9/16
- Created a platform and app which refugees can use to look up information and take the mandated cultural orientation evaluation
- Helped answer questions in guides, created new guides, and translated guides to relevant languages.