

Jamsheed Mistri

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Jobs, Internships, & Research Positions

Software Engineering Intern, Gauss Surgical — Swift, Objective-C, Python **June 2019 - August 2019**

- Built a versatile logging system that is compatible with both Swift and Objective-C, and led the initiative to add localization to all of Gauss's iOS apps, allowing hospitals around the world to monitor surgical blood loss in labor and delivery.
- Wrote and repaired over 500 unit tests, and automated hours of weekly paperwork required for FDA clearance.

Senior Instructor, Tiger Martial Arts **December 2014 - August 2019**

- Teach weekly classes of 20+ students, ranging from 3-50 years old, in all subject areas: forms, sparring, and breaking.
- Coded a belt promotion testing system for instructors and transitioned the entire school from paper to digital testing.

Research Assistant, Stanford University — Python, Google Cloud Platform **January 2018 - March 2019**

- Assisted a postdoctoral scholar in research that aimed to identify gaps in data science curricula in order to further develop students' problem solving skills. Developed software to enable this study and ultimately circulate it to a larger dataset.

Leadership & Volunteer Experience

Founder & Director, Craftathon Charity — Node.js, Java, Bash **January 2017 - Present**

- Founded Craftathon and led a team of developers to run the annual charity event, where famous YouTubers interact with their fans in real-time on our game server. Over the last two years, the event has raised over \$7,500 for Child's Play Charity, improving the lives of children in domestic violence shelters and hospitals.

Lead & Sponsorship Director, Los Altos Hacks III & IV — Node.js, AWS **February 2017 - April 2019**

- Led a team of 15 to raise \$50,000+ in corporate sponsorship, \$40,000+ of which I personally negotiated. With this money, we were able to make the 24-hour high-school hackathon free for all students, with an emphasis on promotion to minority groups. The funds also provided reimbursement of travel costs for select students from across North America.
- For the two years I directed it, Los Altos Hacks was the largest high school hackathon in the world, with a total attendance of over 700 students. Received The President's Volunteer Service Award for my work.

Achievements, Awards, and Certifications

The Leadership Award, UC Berkeley Alumni Association	August 2019
The President's Volunteer Service Award, Gold Tier (Highest Tier)	September 2018
Fourth Degree Black Belt, Taekwondo & Karate	January 2018
Level 8 Pianist, Associated Board of the Royal Schools of Music	2009 - 2018

Notable Projects

Reflect — PHP, JavaScript, HTML/CSS github.com/JamsheedMistri/Reflect

- Web-based software for a "magic mirror" that can respond to voice commands, play music, and display the current news headlines, time, date, weather, and Bitcoin prices. ([YouTube demo](#))

TigerScore — PHP, SQL, JavaScript, HTML/CSS github.com/JamsheedMistri/TigerScore

- An app for martial arts academies which lets instructors easily test students. It handles payments, parent notification, etc.

Education

University of California, Berkeley **Fall 2019 - Spring 2022**

- Major: Computer Science
- Relevant Coursework:
 - CS 61A (Structure and Interpretation of Computer Programs)
 - EE 16A (Designing Information Devices and Systems)

Los Altos High School **Fall 2015 - Spring 2019**

- Activities: Robotics FRC Team Programming & Business Team Lead, Hack Club Founder & President
- Awards: Outstanding AP Physics C Student of the Year (2019), Seal of Biliteracy (2019), AP Scholar with Distinction (2019)
- Honors: National Honor Society (2017 - 2019), California Scholastic Federation (2015 - 2019)
- Weighted GPA: 4.58; Unweighted GPA: 3.94

Programming Skills

- Advanced Languages: Swift, Objective-C, Python, JavaScript, PHP, HTML/CSS, Java, Node.js
- Proficient Languages: SQL, Ruby, Bash
- Concepts: Object Oriented Programming, Git Source Control (Commit, Merge, Rebase, Cherry Pick), Code Collaboration (Issues, PRs, Code Review), Unix System Administration, Unit Testing