

Jamsheed Mistri

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Jobs, Internships, & Research Positions

Research Assistant, Stanford University

January 2018 - Present

- Assistant to a postdoctoral scholar researching computer science through data science. Currently developing software to enable this study and ultimately circulate it to a larger dataset. The study aims to identify gaps in data science curricula in order to further develop students' problem solving skills.

Senior Instructor, Tiger Martial Arts

December 2014 - Present

- Teach weekly classes of 20+ students ranging from ages 3 to 50 years old.
- Teach all levels of students (beginners to elite athletes) in all subject areas: forms, sparring, and breaking.
- Singlehandedly coded a belt promotion testing system for instructors from scratch and transitioned the entire school from paper to digital testing.

Intern & Summer Assistant, Wizbots

Summer 2015, 2016, & 2017

- Wizbots is a robotics summer camp that teaches young children the basics of building and programming robots.
- After attending the camp for multiple summers and earning the highest rank, Master, I was invited for two years as an intern and for a third year as a paid assistant.

Leadership & Volunteer Experience

Lead & Sponsorship Director, Los Altos Hacks III & IV

February 2017 - Present

- Los Altos Hacks is an overnight programming event where high school students from across California code a project with their peers for 24 hours. Los Altos Hacks is consistently one of the largest high school hackathons in the US.
- As Lead Director of Los Altos Hacks III, I volunteered hundreds of hours over the school year to oversee all aspects of the event, including leading a team of 15 high school students. The event had an attendance of almost 350 students.
- Led the sponsorship team to solicit capital from prestigious companies to make the event free for everyone, with an emphasis on promotion to minority groups. We raised over \$25,000 within a year, \$20,000 of which I personally raised.
- Currently organizing and raising funds for Los Altos Hacks IV.

Founder & President, Los Altos High School Hack Club

August 2017 - Present

- LAHS Hack Club is the prominent computer and programming club at Los Altos High School. With over 150 members, it is one of the largest clubs on campus.
- Responsibilities include leading weekly club meetings, teaching club members various programming topics, maintaining the [custom-built website](#), and making websites for other clubs as part of the [get.lahs.club](#) program.

Founder & Director, Craftathon Charity

January 2017 - Present

- Craftathon Charity is an annual gaming charity event where famous YouTubers interact with their fans in real-time on our game server. Each year, we charge an entrance fee to the server over a two-day period, and all proceeds go directly to [Child's Play Charity](#), improving the lives of children in domestic violence shelters and hospitals.
- I founded this project and led a team of developers, artists, and moderators to open a custom-built gaming server.
- Craftathon has raised a total of over \$7,500 for charity through both of its annual events.

Assistant Regional Manager, CodeDay Bay Area under StudentRND

November 2016 - Present

- CodeDay Bay Area is an overnight event that aims to get students from minority backgrounds interested in pursuing a career in technology. We cultivate their interest by showing them that anyone can code and encouraging them to pursue it.
- Director of Logistics, managing the day-of events, special guests, workshops, and speakers.

Organizer, HSHacks III

November 2016 - April 2017

- HSHacks is the world's largest high school hackathon organization, impacting over 3,000 students throughout its history.
- Raised thousands of dollars in funding, organized event logistics, and contributed to the website's codebase.

Vice President, Los Altos High School Personal Finance & Investing Club

May 2018 - Present

- I run weekly activities, plan lesson curriculum, and assist the presidents of the club. Each year, I lead our team to victory in the KWHS Investment Competition for high schoolers across the nation.

Organizing Committee, Los Altos High School STEM Week

April 2017 - October 2017

- Worked with a team of parents to recruit dozens of speakers to give talks throughout the week that inspire students to pursue careers in STEM. Managed and developed the [website](#) and recruited speakers.

Achievements, Awards, and Certifications

The President's Volunteer Service Award, Gold Tier	September 2018
Fourth Degree Black Belt, Taekwondo & Karate	January 2018
Level 8 Pianist, Associated Board of the Royal Schools of Music	2009 - 2018
Certified Associate Coach, L-1 Poomsae Referee, & D-2 Kyorugi Referee, USA Taekwondo Association	March 2018
AP Scholar Award, The College Board	July 2018
National Honor Society, Los Altos High School	April 2017 - Present

Programming Portfolio

Reflect — HTML, CSS, JavaScript, MySQL, and PHP

github.com/JamsheedMistri/Reflect

- Reflect is custom built software for a Magic Mirror that I built from scratch. This digital mirror responds to voice commands, plays music, and displays the current news headlines, time, date, weather, and current Bitcoin prices.
- Its [YouTube demo](#) has reached thousands of people and I constantly get emails from around the world with questions about it.

TigerScore — HTML, CSS, JavaScript, MySQL, and PHP

github.com/JamsheedMistri/tigerscore

- TigerScore is an online testing form system for martial arts academies. Designed for ease of use, the app lets instructors test students easily using any smart device. It handles payments, form submissions, parent notification, and much more.

Pseudo Code — HTML, CSS, JavaScript, MySQL, and PHP

pseudo-code.org

- Pseudo Code is an educational web application that I created at San Mateo Hacks 2017. Its purpose is to introduce programming in an easy-to-understand way using a custom-designed English-to-code parser. It won the "Best Web Application" award at San Mateo Hacks 2017.

Activities at Los Altos High School

Robotics FRC Team Programming Lead	January 2017 - Present
Trombonist, Wind Ensemble (Audition Only)	August 2011 - June 2018
Junior Varsity Swim Team	January 2016 - May 2017

Programming Skills

Java, JavaScript, Node.js, PHP, Python, Bash, SQL, HTML, CSS

Academic Statistics

- **Weighted GPA:** 4.50; **Unweighted GPA:** 3.92
- 1470 SAT (790 Math; 680 Reading & Writing)
- 800 SAT Math II Subject Test
- 780 SAT Physics Subject Test