

Jamsheed Mistri

Student, Teacher, and Programmer • jmistri7@gmail.com • jmistri.com

Programming Skills — HTML, CSS, PHP, Python, JavaScript, Java, Swift, MySQL, AppleScript, Node.js

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.

Senior Instructor, Tiger Martial Arts December 2014 - Present

- Teach weekly classes of 20+ students ranging from ages 3 to 50 years old.
- Maintain the cleanliness of the school and speak with customers.
- 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 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.
- Organized event logistics, including securing the Juniper Aspiration Dome as a venue and doing all legal paperwork to ensure the event ran smoothly.
- Coordinated the field trip of a Los Angeles high school to fly in for Los Altos Hacks III, their first ever hackathon.

Founder & Director, Craftathon Charity July 29-30, 2017

- Craftathon Charity is a Minecraft charity event where partners, sponsors, and famous Minecraft YouTubers interact with their fans in real-time on our server. We charged an entrance fee over a two-day period, and all proceeds went directly to [Child's Play Charity](#), improving the lives of children in domestic violence shelters and hospitals.
- Led a team of developers, builders, artists, and moderators to open a custom-built in-game server.
- In Craftathon's first annual event, we raised almost \$6,500.

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 80 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.

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, 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 Investing Club May 2018 - Present

- Run weekly activities for the investing club, plan lesson curriculum, and assist the presidents of the club. Each year, we participate 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

- Was recognized for over 250 hours of volunteer work for Los Altos Hacks with the highest tier of the President's Volunteer Service Award.

Fourth Degree Black Belt, Taekwondo & Karate January 2018

- Certified by Kukkiwon, the World Taekwondo Headquarters in Korea.
- The only fourth degree black belt and recognized Junior Master under 30 years old at Tiger Martial Arts.

Level 8 Pianist, Associated Board of the Royal Schools of Music 2009 - 2018

- Achieved the highest level, passing all eight rigorous piano and music theory exams, three of which I earned an honor of Merit or Distinction.

Certified Associate Coach, L-1 Poomsae Referee, & D-2 Kyorugi Referee, USA Taekwondo Association March 2018

AP Scholar Award Recipient, The College Board July 2018

National Honor Society, Los Altos High School April 2017 - Present

California Scholastic Federation Scholar, Los Altos High School January 2016 - Present

Best Web Application, San Mateo Hacks January 2017

Best Application, CodeDay Bay Area May 2016

Top 10, TinoHacks April 2017

Outstanding Volunteer of the Year Award, Zoroastrian Association of Northern California 2014

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 the online testing form system for Tiger Martial Arts. 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 (jQuery), MySQL, and PHP pseudo-code.org

- Pseudo Code is an educational web application that I created at San Mateo Hacks 2017. Its goal is to teach anyone how to code in English, rather than an actual programming language. It won the "Best Web Application" award at San Mateo Hacks 2017.

3NAME — HTML, CSS, JavaScript, PHP, and MySQL 3name.xyz

- 3NAME is a website that scans for all available three-letter Minecraft usernames. It is very popular with hundreds of uses each week.

FakeMail — HTML, CSS, JavaScript (jQuery), Google's Material Design, MySQL, and PHP fakemail.site

- FakeMail is a free public prank emailer that can cause a good laugh. Using PHP, I was able to legally create an application that can send an email from anyone to anyone.

Academic Statistics

- 4.50 weighted academic GPA — 3.92 unweighted academic GPA
- 1470 SAT — 790 Math & 680 Reading/Writing
- 800 SAT Math II Subject Test
- 780 SAT Physics Subject Test

Activities at Los Altos High School

Trombonist, Wind Ensemble (Audition Only) August 2011 - June 2018

Robotics FRC Team Webmaster and Programming Team Member January 2017 - Present

Junior Varsity Swim Team January 2016 - May 2017