

Larissa Muramoto

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EDUCATION

Stanford University, Stanford, CA

June 2013

B. A. Economics Major with Honors and Psychology Minor

- **In-Major GPA:** 3.9/4.0 • **Total GPA:** 3.8/4.0 • **Coursework:** Economics, Statistics, Psychology
- **Honors Thesis:** Worked with Professor Caroline Hoxby to examine the impact of participating in the Federal Work Study (FWS) Program on student outcomes. Found statistically significant evidence that FWS does improve student outcomes such as decline in probability of post-graduation unemployment and a higher probability of job satisfaction.

WORK EXPERIENCE

Software Engineer, Simply Hired

January 2015 – present

- Spearheaded the frontend development for the user accounts pages. Used Backbone to dynamically render content and communicate with a RESTful API. Made the design responsive so it displays cleanly on mobile, tablets, and desktops. Transformed Photoshop files into HTML and Sass/CSS. Since the launch of the new accounts pages, user retention has doubled.
- Built a RESTful API using the Django REST Framework. The API allows users to manage jobs, searches, and email alerts they save.
- Promoted from associate software engineer to software engineer for successful leadership of the accounts pages development.
- Currently building a new native Android application for Simply Hired. Referencing Google's Material Design spec for UI elements.

Junior Web Developer, Stanford Office of Undergraduate Admission

November 2014 – present

- Currently revising the Undergraduate Admissions website to make it conform more strongly to W3C accessibility standards.
- Improved the Undergraduate Admissions website by making it responsive. Used JavaScript, HTML, CSS, and Photoshop.
- Rebuilt forms on the Financial Aid website to be responsive. Used PHP to send the form data to a MySQL database.

Software Engineering Fellow, Hackbright Academy

July 2014 – December 2014

- Built a photobooth application that enhances eyes and smooths faces with the Viola-Jones algorithm, Haar Cascades, and bilateral filtering via OpenCV and the Python Imaging Library. Uses JavaScript and HTML5 Canvas to let users decorate their photos.
- Built a movie recommendation application using a collaborative filtering algorithm with Python and Flask.

Analyst, IMS Consulting Group

June 2013 – July 2014

- Advised Fortune 500 pharmaceutical companies on drug pricing and market access issues in oncology and cardiology. Synthesized primary and secondary research data to inform strategic recommendations and next-steps.
- Specialized in Southeast Asian markets, but also developed significant expertise in the Middle Eastern markets.

Web Development Intern, Stanford Office of Undergraduate Admission

June 2011 – December 2013

- Implemented the current Diversity section of Stanford's Undergraduate Admission website using JavaScript, HTML, CSS, and Photoshop. Improved the quality of the Diversity section by adding a sleek, interactive student profile gallery.
- Designed and engineered an interactive campus map for the Visitor Information website using JavaScript, HTML, and Photoshop.

Psychology Teaching Fellow, Stanford University

August 2012 – June 2013

- Developed a 10-week curriculum to supplement the Introduction to Psychology (PSYCH1) course at Stanford. Collaborated with a team of 20 other teaching fellows to insure that the students receive an optimal class experience.
- Taught 2 weekly classes with 20 students each. Helped students design research proposals.

Research Assistant, Stanford Center for Advanced Study in the Behavioral Sciences (CASBS)

April 2012 – September 2012

- Worked with Professor Stephen Kosslyn to examine intrapersonal variation in cognition under conditions such as time of day
- Recruited 80 people for the longitudinal studies. Increased study participation 800% by designing marketing materials and corresponded with professors to give pitches in classes.
- Implemented a program with CRM functionality to facilitate management of participant relationships, raising compliance 4x to 95%.

VOLUNTEER EXPERIENCE

Mentor, Hackbright Academy

October 2015 – present

- Advised a Hackbright Software Engineering Fellow on their capstone project. Shared best practices in frontend development and UX.

SKILLS

Languages: Java, Python, C++, JavaScript, CSS, Sass, HTML

Frameworks/Libraries: Backbone.js, jQuery, Bootstrap, Django, Django REST Framework, Jasmine, Karma, Flask

Other: OpenCV, SQL, Photoshop, Web Accessibility, Dreamweaver, HTML5 Canvas