

Edwin Lai

550 Ortega Ave B222 • Mountain View, CA 94040

CELL (650) 521-4141 • E-MAIL edwinlai@ucla.edu

PORTFOLIO edwin-lai.com • GITHUB [edwin-lai](https://github.com/edwin-lai)

LINKEDIN <https://www.linkedin.com/in/edwin-lai-27336568>

OBJECTIVE To build and ship useful, high-impact products as a software engineer in a tech firm.

SKILLS JavaScript, React.js, Flux, Ruby, Ruby on Rails, SQL, Git, HTML, CSS, Matlab

PROJECTS **Stellaris Species Generator** (*JavaScript, React*) | [github](#) Mar 2016 - Present
Species creation utility for the upcoming space strategy game Stellaris

Technical Lead

- Assemble a team and delegate tasks to them to ensure on-time completion of project.
- Write modular components that can be easily integrated into work of team members.

Helping Hand (*Ruby on Rails, React.js/Flux*) | [live](#) | [github](#)

Feb 2016 - Mar 2016

Personal Fundraising Site Inspired by GoFundMe

- Created high-performance single page web app powered by React and Flux.
- Built JavaScript search utility that returns results on the fly as user input changes.

RainbowRoad (*CreateJS, HTML5*) | [live](#) | [github](#)

Mar 2016

JavaScript Browser Game Influenced by Candyland

- Used TweenJS animations to move pieces and communicate instructions to players.
 - Implemented gameplay logic that facilitates both single-player and multi-player modes.
-

EDUCATION **App Academy** Jan 2016 - Mar 2016

- 1000 hour coding boot camp with 3% admission rate.
- Learned full-stack web development: Rails, SQL, JS, React, TDD, and algorithms.

University of California, Los Angeles

Sep 2011 - Jun 2015

BS in Applied Mathematics, minor in Chinese - *magna cum laude*

- GPA 3.87, Dean's Honors List 9x, Phi Beta Kappa
 - Coursework: Linear Algebra, Probability Theory, Combinatorics, Numerical Analysis
 - Secretary of UCLA Achievement Scholars Club
-

EXPERIENCE **Tutor - Varsity Tutors** Dec 2014 - Jan 2016

- Teach students in mathematics, the SAT, and the ACT.
- Improve student's ACT composite score by 4 points and subsection score by 7 points.
- Raise student's score to 100% on a math test after student scored in the 60-70% range on the previous test