Edwin Lai

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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

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PROJECTS

Stellaris Species Generator *(JavaScript, React)* | live | 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.
- Drive over 10,000 users to the app in five days using internet communication tools.
- Build trait selector that calculates compatible traits on the fly according to game rules.

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 updates results in response to changes in user input.

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