Edwin Lai

550 Ortega Ave B222 ● Mountain View, CA 94040
CELL (650) 521-4141 ● **E-MAIL** edwinlai@ucla.edu
LINKEDIN https://www.linkedin.com/in/edwin-lai

EXPERIENCE

Full Stack Engineer - *Petuum*   April 2019 - Present
- Build the Angular UI of a reinforcement learning based airport resource allocation application from scratch to close a $140k proof of concept contract with a customer.
- Develop, test, deploy, and maintain mission critical Kubernetes based ML systems.
- Mentor junior engineers by encouraging SOLID, OOP, FP, etc. principles in code reviews.
- Open the most merge (pull) requests in the team GitLab group over the last 3 months.

Front End Engineer - *Vetter*   April 2018 - April 2019
- Implement redesigns of main product and landing site based on Sketch/Zeplin designs.
- Design and build the analytics dashboard for a credit union online marketing product.
- Develop Instapage integration with existing marketing, growth, and conversion systems.

Full Stack Engineering Consultant - *Aitalic*   Nov 2017 - May 2018
- Create client and server prototypes for an educational technology product.
- Construct and implement APIs for communicating with a natural language processor.
- Determine aesthetic vision of product in consultation with product manager.

CTO - *WANDR*   Apr 2017 - Nov 2017
- Create client and server platforms for matching users with discount flights and hotels.
- Work with the CEO to implement beautifully designed web pages in React.
- Automate retrieval of flight data and prices from various flight APIs.

Front End Engineer - *LogDNA*   Oct 2016 - Apr 2017
- Implement popular client side features such as a searchable host/app filtering tool.
- Own ruby gems (libraries) for shipping logs with over 4750 total downloads as of April.
- Develop integrations between LogDNA and CircleCI, TravisCI, FluentD, and other tools.

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 math test scores by 30% between one test and the next.

EDUCATION

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.

SKILLS   Python, JavaScript, TypeScript, Kubernetes, Node, Angular, Django, HTML, CSS, Bootstrap