

# Edwin Lai

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- 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 production Linux/Kubernetes based ML systems.
  - Implement features on both the front and back ends of a Django/Angular web chatbot.
- 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
- 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.
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- EDUCATION**
- App Academy** Jan 2016 - Apr 2016
- 1000 hour coding boot camp with 3% admission rate at time of admission.
  - Learned full stack web development (front and back end frameworks, TDD, 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.
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**SKILLS** Python, JavaScript, TypeScript, Kubernetes, Node, Angular, Django, Linux, HTML, CSS