

Hao Le

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🎓 education

University of California, Berkeley
B.A, Computer Science
Graduating Dec 2018

≡ skills

Languages: Python, Java, C#,
TypeScript, JavaScript

Technologies: AWS, MongoDB,
jQuery, Express, Photoshop,
Figma, Node.js

👥 leadership

CSM **CS61B Mentor**
Mentored undergrads in study
strategies, class scheduling,
and career building.

InnoWorks **Executive Director**
Organized and hosted a five
day STEM program for under-
privileged Bay Area middle
school students.

[M]ovement **Captain**
Directed and choreographed a
6 minute set for thirty dancers.

📖 coursework

- Intro to Artificial Intelligence
- UI Design and Development
- Efficient Algorithms
- Intractable Problems
- OS and Systems Programming
- Computer Architecture
- Discrete Math and Probability
- Linear Algebra and DE's

🔗 work

P.I.N.G. Inc. **Summer 2017**
Software Engineer Intern

- Implemented a scalable web server app that accommodates 10,000 emails per day and timekeeps through **Exchange Web Service** stream data.
- Researched test server options such as AWS, rackspace, and Azure, settling on **Azure** for Exchange compatibility
- Ported Web Application from **.NET** to **Node** due to 3rd party platform incompatibility

Computer Science 61B **Fall 2016 - Spring 2017**
Lab Assistant

- Taught data structures, sort algorithms, and graph algorithms to 75+ undergrads

🚀 projects

Alexa Skill Tone Analyzer
Python, AWS, DynamoDB

- Created a journaling Alexa skill that stores entries along with its metadata and responds with an emotional analysis
- Integrated IBM Tone Analyzer API with Alexa

Recipe Assistant
HTML, jQuery, AWS, DynamoDB, JavaScript

- Built dynamic front end of the web app
- Implemented user submissions and recipe display

Facebook Time Chrome Extension
JavaScript, jQuery, HTML

- Tracked time spent active on Facebook and individual profiles with DOM scraping
- Built extension UI and stored user data with chrome storage

Personal Website
HTML, CSS, JavaScript, jQuery, bulma

- Implemented and designed personal website with focus on responsive design
- Created some CSS from scratch before settling on bulma for flexibility and responsiveness