Hao Le

🏠 haonle.com   ✉ haole@berkeley.edu   🐙 haonle   💼 haole   📞 (925) 301-3660

🎓 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
- Kept track of time spent 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