

Daniel Y. Zhang

<http://daniel-zhang.me>
contact@daniel-zhang.me | 408.636.8260

EDUCATION

UC BERKELEY

BA IN COMPUTER SCIENCE

Class of 2020 | Berkeley, CA

GPA: 3.980 / 4.0

FREMONT HIGH SCHOOL

Class of 2016 | Sunnyvale, CA

Salutatorian and Graduation Speaker

GPA: 3.980 / 4.0

SKILLS

LANGUAGES

Java • JavaScript • Python • C++ •
C • C# • MySQL • HTML • CSS •
LaTeX • Lisp • Go

FRAMEWORKS

ReactJS • Flask • Tornado • ASP.NET •
NumPy/SciPy/Pandas

PROJECTS

NOMMERY | Nov. 2017

Helped a local restaurant startup pinpoint areas for future growth by conducting exploratory data analysis with the NumPy and SciPy frameworks.

AEGIS | FEB. 2017

Built a Chrome extension that provided mental health resources to users based on search histories by interfacing with IBM's Watson API through a NodeJS server.

LINKS

Github:// [dzdaniel84](#)

LinkedIn:// [daniel-y-zhang](#)

COURSEWORK

Artificial Intelligence • Databases •
Computer Architecture • Discrete
Math • Data Struct. • Optimization
Models • Foundations of Data Science
• Natural Lang. Processing •
Operating Systems • Machine
Learning (in prog.) • Computer
Security (in prog.)

EXPERIENCE

WISH | SOFTWARE ENGINEERING INTERN

May 2018 – Aug 2018 | San Francisco, CA

- Constructed new referral landing page using ReactJS and Redux that increased new user conversion rates by 4%.
- Implemented a new order history page for customers, improving user flow, decreasing page loading time by 30% and increasing GMV by 1.3%.
- Ported new daily login bonus feature to web app with Tornado API calls in order to incentivize continued shopping on site.
- Expanded support cases for automated customer support help bot, decreasing support ticket creation by 20% and increasing GMV by 2%.

UC BERKELEY EECS | UNDERGRADUATE STUDENT INSTRUCTOR

Aug 2018 – Present | Berkeley, CA

- Teach weekly discussion sections of 30+ students for CS61C (Machine Structures) to review concepts taught in lecture.
- Lead and organize office hours to answer conceptual questions.
- Run laboratory sections teaching students principles of C coding, assembly language, and computer architecture.

PROLABS | SOFTWARE ENGINEERING INTERN

Jun 2017 – Aug 2017 | Santa Clara, CA

- Constructed a web application with Flask that automated the cleaning and parsing of warehouse information from company suppliers.
- Designed an efficient MySQL database that decreased querying time for company internal functions by 70%.
- Implemented a secure login system to restrict sensitive internal information from company partners while still giving access to certain functions.

FLYOSK | SOFTWARE DEVELOPMENT INTERN

Jan 2017 – Jun 2017 | Berkeley, CA

- Redesigned main website with Bootstrap to improve user experience and to implement mobile support.
- Implemented ASP.NET MVC tools using C# to develop new database models for flight school clients.
- Developed wireframes of website designs using Adobe Illustrator to optimize user workflows and experience.

AWARDS AND HONORS

2016 Cal Alumni Association Leadership Award Recipient
2016 Robotics @ Berkeley Grand Prize Recipient
2016 National Merit Scholar
2016 Fremont Union High School Foundation Scholar
2015 USACO Platinum Division Competitor

SOCIETIES AND ORGANIZATIONS

2018 Computer Science Mentors (CS61C Coordinator)
2017 Upsilon Pi Epsilon CS Honor Society (Treasurer)
2017 Alpha Kappa Lambda Fraternity (Treasurer)