

# Brian Li

COMPUTER SCIENCE · UNIVERSITY OF CALIFORNIA, SAN DIEGO

San Francisco Bay Area

☎ 1 (415) 359-6183 | ✉ librian415@gmail.com | 🏠 librian415.com | 📺 LiBrian415 | 🌐 librian415

## Education

### University of California, San Diego

La Jolla, California

COMPUTER SCIENCE B.S.

Sep. 2018 - Mar. 2021

- GPA: 4.0
- Related coursework: CSE 15L - Software Tools and Techniques Laboratory · CSE 20 - Introduction to Discrete Mathematics · CSE 30 - Computer Organization and Systems Programming
- Coursework From Other Institutions: Programming Fundamentals in Java · Data Structures and Algorithms in Java
- F'2018-S'2019 planned coursework: CSE 21 - Mathematics for Algorithms and Systems · CSE 100 - Advanced Data Structures · CSE 105 - Theory of Computation · CSE 140 - Components and Design Techniques for Digital Systems · CSE 140L - Digital Systems Laboratory
- Affiliated organizations: Competitive Programming Club · Computer Science and Engineering Society

## Internship

### Assurance Data

San Francisco, California

FUTURE GRADS INTERN

Jun. 2016 - Aug. 2016

- Gathered and organized marketing analytics and data with Excel

## Hackathon

### Beginner's Programming Competition

- A Programming Competition hosted by Woman in Computing @ UCSD for undergraduates who have yet to take upperdivision courses
- Rank: 4th/100+

### SDHacks

- Pitched a UCSD event organizer web application to my team
- Created a REST API with Django Rest Framework and deployed it with Heroku
- Tinkered with React to help with Front-End production

## Project

### AlertSD

- Created a safety alert web application built on REST API with Django Rest Framework
- Utilized React and Redux for Front-End as well as Google Maps API for map functionality

### Split

- Created an iOS bill splitting app that utilized UI features like collection views and hit testing
- Inspired by personal complications after a night out with friends

### Expense

- Created a budgeting web application with Flask
- Learned the subtleties of good user interface with functionality and aesthetics

### Tic Tac Toe

- My project for the AP CSP exam which utilized minimax to determine optimal moves

## Languages & Frameworks

**Languages** Java · Python · C/C++

**Frameworks** Django · Flask · HTML/CSS/Javascript · Swift · React · Redux

**Other** Unix · SQL