Brian Li

COMPUTER SCIENCE · UNIVERSITY OF CALIFORNIA, SAN DIEGO

San Francisco Bay Area

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Education

University of California, San Diego *La Jolla, California*

B.S. COMPUTER SCIENCE *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 · 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
- Coursework From Other Institutions: Programming Fundamentals in Java · Data Structures and Algorithms in Java
- Affiliated organizations: Warren College Honors Society · Competitive Programming Club · Computer Science and Engineering Society

Work Experience

Assurance Data *San Francisco, California*

FUTURE GRADS INTERN *Jun. 2016 - Aug. 2016*

- Gathered and organized marketing analytics and data with Excel

Hackathons & Competitions

WIC BPC
- A quarterly programming competition hosted by Women in Computing at UCSD
- Fall 2018 - Rank: 4th/100+
- Winter 2019 - Rank: 1st/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

Projects

AutoTutor
- In progress
- Creating a web application to facilitate the scheduling of tutor hours at UCSD
- Languages: Python, Flask, React, Redux, HTML, CSS, Javascript, Git

AlertSD
- Created a web application to help students broadcast important alerts happening on-campus.
- Learned about REST, HTTP, and frontend frameworks
- Languages: Python, Django, React, Redux, Google Maps Api, Google Geocoding Api

Split
- Created a bill splitting app that helps individuals properly divide a bill with consideration for taxes and tips
- Learned about aspects of iOS development like UIViews and hit testing
- Languages: Swift

Expense
- Created a web application to help manage monthly and daily expenses
- Learned about the subtleties of a good user interface with functionality and aesthetics
- Languages: Python, Flask

Languages & Frameworks

Languages	Java · Python · C/C++
Frameworks	Django · Flask · HTML/CSS/Javascript · Swift · React · Redux
Other	Unix · SQL · Git