

# 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 - Present (Pursuing M.S. in CS in 2021)

- GPA: 4.0 · Provost Honors
- Related coursework: 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 101 - Design and Analysis of Algorithms · CSE 110 - Software Engineering · CSE 130 - Programming Language: Principle and Paradigms · CSE 141 - Introduction to Computer Architecture · CSE 120 - Principles of Computer Operating Systems · CSE 123 - Computer Networks · CSE 124 - Networked Services · CSE 150B - AI: Search and Reasoning · CSE 158 - Recommender Systems and Web Mining · Math 183 - Statistical Methods
- Affiliated organizations: Warren College Honors Society · Competitive Programming Club

## Work Experience

### Dropbox

San Francisco, California

SOFTWARE ENGINEER INTERN

Jun. 2020 - Sep. 2020

- Sync Everything Team
- Extended the Dropbox Screenshots feature on macOS to include screen recordings
- Integrated screenshots into the Sync Everything ecosystem

### LinkedIn

Sunnyvale, California

SOFTWARE ENGINEER INTERN

Sep. 2019 - Dec. 2019

- Metadata Platform Team
- Altered the architecture to leverage an internal NoSQL key-value document store for better scalability
- Designed a migration plan to support hot migration with zero data loss and minimal downtime

### IBM

San Jose, California

FULL STACK SOFTWARE DEVELOPER INTERN (CLOUD)

Jul. 2019 - Aug. 2019

- Datastage Containers Team
- Developed Jenkins pipelines and bash scripts to automate the delivery of docker images

## 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+

## Projects

### AlertSD

- Created a web application to help students broadcast important alerts happening on-campus.
- Learned about REST, HTTP, and frontend frameworks

### 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 & Frameworks

**Languages** Java · Python · C/C++ · Haskell

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

**Other** Unix · SQL · Git