

Brian Liang

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brianliang.me

WORK EXPERIENCE

Expedia Group

Software Engineering Intern

San Francisco, CA

June 2018 - Present

- Working on the Hotwire Hotel/Lodging team on full-stack development in AngularJS and Java Spring.
- Reworking a backend pipeline to optimize data retrieval on hotels from Expedia inventory databases.
- Implementing an upsell modal with a 10% user exposure rate to achieve higher customer retention.

Inetsoft Technology

Software Engineering Intern

Piscataway, NJ

June 2017 - Sep 2017

- Ported data visualization software from Flash/Actionscript to Angular/Typescript.
- Assisted senior developers on bug analysis and resolution - successfully resolved over 40 bugs.
- Utilized Chrome developer tool to quickly identify layout, look-and-feel problems, and solutions.

EDUCATION

Northwestern University

B.A. Computer Science - GPA: 3.7/4.0

Evanston, IL

Sep 2016 - June 2019

Algorithms
Computational Photography
Computer Programming
Computer Systems
Data Structures

Databases
Discrete Math
Game Development
Human Computer Interaction
Machine Learning

Networking
Programming Languages
Linear Algebra
Multivariable Calculus
Statistics

PROJECTS

Slackathon - 3rd (\$2,500)

github.com/cwlowder/slackathon2018

San Francisco, CA

July 21, 2018

- Built a carpool slack bot in 10 hours at Slack's first hackathon, and placed 3rd overall (\$2,500).
- Utilized Node.js / Express framework, implemented Slack / Google API's, and persisted data with PostgreSQL.

Amber - HCI

tylrodg.github.io/amber

Evanston, IL

Oct 2017 - Nov 2017

- Developed website with better UI/UX for accessing Amber Alerts and general child protection information.
- Implemented Bootstrap, Javascript/JQuery scripts, and Google API's for look/feel and functionality.

ACTIVITIES

Institute for Student Business Education - Tech

Lead Developer

Evanston, IL

Sep 2016 - Jan 2017

- Worked with four other students to port a stock market analysis app from Matlab to Python.
- Guided less experienced members to complete web scraping and GUI implementation over four months.

.Dev - Coding Club

Developer - Innerview

Evanston, IL

Jan 2018 - Present

- Prototyped and began development of an Internship-experience-sharing platform.
- Full stack developer, with a focus on the backend (currently learning backend technologies).

LANGUAGES

- Java, C#, Python
- JavaScript, TypeScript, HTML, CSS
- C++, C, SQL

OTHER

- Angular, Node.js, Unity
- PuTTY, Git, NPM
- Tensorflow, Agile Dev.

INTERESTS

Food, Design, Technology, Travel, Ping-Pong, [reddit](#), Coffee, [Mochi](#), Sticky Rice, Rice Cake, [Pizza](#), [Fish Tacos](#)