

Brian Liang

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brianliang.me

WORK EXPERIENCE

Expedia Group // Summer 2018

Software Engineering Intern

- Worked on the Hotwire Hotel team on full-stack development in AngularJS and Java Spring.
- Implemented an upsell modal with a 10% exposure rate and achieved higher customer retention.
- Built a pipeline to optimize data retrieval on hotels from Brand Expedia inventory databases.

Inetsoft Technology // Summer 2017

Software Engineering Intern

- 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, UX problems, and solutions.

San Francisco, CA

June 2018 - Sep 2018

Piscataway, NJ

June 2017 – Sep 2017

PROJECTS

Slackathon - 3rd // Slack's First Hackathon

github.com/cwlowder/slackathon2018

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

Amber - HCI // Disaster Relief Project

tylrodg.github.io/amber

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

Independent Development // Summer 2016

github.com/bliang529/Summer-Project

- Self-taught Unity Game Development and created a cross-platform game using C# and Unity's SDK.

San Francisco, CA

July 21, 2018

Evanston, IL

Oct 2017 - Nov 2017

East Brunswick, NJ

June 2016 – July 2016

EDUCATION

Northwestern University

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

- Algorithms
- Computational Photography
- Computer Programming
- Computer Systems
- Data Structures
- Databases
- Discrete Math
- Game Development
- Human Computer Interaction
- Machine Learning

Evanston, IL

Sep 2016 - June 2020

- Networking
- Programming Languages
- Linear Algebra
- Multivariable Calculus
- Statistics

ACTIVITIES

Institute for Student Business Education // Tech Division

Lead Developer

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

.Dev - Software Dev. Club // Group Projects

Developer

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

Evanston, IL

Sep 2016 - Jan 2017

Evanston, IL

Jan 2018 - Present

LANGUAGES

Java	Python	SQL
JavaScript	TypeScript	
C#	C++	C

FRAMEWORKS/TOOLS

Angular	Node.js	Unity
Git	NPM	PuTTY
Jest	Jasmine	Tensorflow

INTERESTS

Food	Design	Technology
Travel	Ping-Pong	reddit
Coffee	Mochi	Pizza