Brian Liang

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brianliang.me

WORK EXPERIENCE

Expedia Group   // Summer 2018   **San Francisco, CA**
Software Engineering Intern   June 2018 - Sep 2018
- 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   **Piscataway, NJ**
Software Engineering Intern   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, UX problems, and solutions.

PROJECTS

Slackathon - 3rd   // Slack's First Hackathon   **San Francisco, CA**
github.com/cwlowder/slackathon2018   July 21, 2018
- 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   **Evanston, IL**
tylrodg.github.io/amber   Oct 2017 - Nov 2017
- 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   **East Brunswick, NJ**
github.com/bliang529/Summer-Project   June 2016 – July 2016
- Self-taught Unity Game Development and created a cross-platform game using C# and Unity's SDK.

EDUCATION

Northwestern University   **Evanston, IL**
B.A. Computer Science - GPA: 3.7/4.0   Sep 2016 - June 2020

- 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

ACTIVITIES

Institute for Student Business Education   // Tech Division   **Evanston, IL**
Lead Developer   Sep 2016 - Jan 2017
- 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   **Evanston, IL**
Developer   Jan 2018 - Present
- Prototyped and began development of an Internship-experience-sharing platform (Innerview).
- Full stack developer, with a focus on the backend (currently learning backend technologies).

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