



Dylan Larrabee

Software Engineer

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Technical Skills

Experienced: Javascript (+ ES6), Node.js, ReactJS, Webpack, Git, HTML5, CSS, Mocha, Chai, Karma

Strong: AngularJS, A-Frame, PostgreSQL, MySQL, SQLite, MongoDB, D3.js, PassportJS

Familiar: Swift, Python, Docker

Professional Experience

Hack Reactor, Lead Software Engineering Fellow

2016 - 2017

- Simultaneously mentored multiple engineering teams through code review, debugging, and architecture design
- Proctored over 100+ technical interviews and mock interviews for prospective students and alumni
- Conducted twice-weekly lectures to 70+ students on algorithms and coding challenges
- Designed and contributed to program curriculum used by thousands of students yearly

Eastern Washington University, *Teaching Assistant*

2015 - 2016

- Gained experience with pedagogical techniques, curriculum design, and public speaking

Pacific Northwest National Lab, *Environmental Systems Intern*

2013

- Contributed to microbiological research, enhanced technical lab and field skills

Software Engineering Projects

Ripple | *Web service integration platform*

- Architected a custom Express backend for handling webhooks from 10s of APIs and performing custom actions.
- Designed a performance optimized PostgreSQL database allowing fast and concurrent access
- Utilized ReactJS to design a visual and intuitive UI/UX for new users

TagMe | *Photo-journaling app that uses Machine learning to automatically add tags, captions, and geo-location*

- Integrated S3 Amazon Web Services with MongoDB to optimize backend media storage and retrieval
- Extended functionality of an existing React Native codebase to include geolocation and visualization
- Optimized synchronous and asynchronous API calls for performant user experience

Markable | *Chrome Extension for sharing links, markups, and comments with groups, overlaid on any website*

- Designed a performance optimized PostgreSQL database allowing fast and concurrent access
- Used Angular to build a Chrome Extension that handled DOM injection and overlay rendering
- Using Scrum, lead a team of 4 engineers to meet MVP under a tight deadline

Teleporter | *Creates Virtual Reality immersion in random photospheres*

- Integrated Flickr's API, AngularJS, and A-Frame to render equirectangular photos in virtual space

Education

Hack Reactor, *Advanced Software Immersive Program*

2016

Eastern Washington University, *B.S. in Biology*

2016

- Coursework of Interest: *Data Analysis for Biologists (exposure to the R Language)*

About Me

Since I was a kid I've loved making things. About the time it became socially unacceptable to play with Legos, I discovered I could tinker with virtual stuff instead. And it's such a blast: I have so much fun taking an idea and literally willing it into existence with code. Oh, and I can't forget jumping on trampolines and watching horror movies. Those are my favorite too.