

Summary

I am primarily a frontend developer with the experience and passion to create custom, high quality and maintainable web UI.

Professional Experience

Senior Software Engineer (Spin Live) Apr 2017-Aug 2020

Work as web lead for various complex customer-facing projects within Spin (formerly Gravy). Projects ranged anywhere from real-time video broadcasting with interactive WebGL features to ecommerce. Vue used with server-side rendering. Deploy and maintain web stack on AWS. Additionally work on iOS (Swift) and Android (Kotlin) apps from the ground up. Kanban development workflow.

Javascript Application Developer (Johnson Health Tech) Nov 2015-Apr 2017

Work on web applications for embedded touch-enabled exercise equipment consoles and asset management. Full i18n support for all apps. Refactor and improve frontend UI/UX for applications (remove Bootstrap, implement BEM and other best practices). Implement continuous integration and unit testing with code coverage using Jasmine and Mocha. Code deployed via Docker to AWS EBS and other AWS services. Work full stack with SQL and NoSQL databases, Nginx and Node.js.

Frontend Developer (Dell Software) 2013-2015

(Began as intern for a year.) Work with a small group to design Dell's Common User Interface for their web applications. Part of a company-wide initiative to have common engineering resources for projects. Use Node.js, AngularJS, CoffeeScript, Sass, Dgeni and more. Agile, TDD workflow (including code coverage, unit/e2e testing, and UI regression testing).

Part-time programmer (Trace R&D Center) 2012-2013

During school year, work on various open and closed source projects (mostly software). Most projects are web-based. Created large open source project: a Google Chrome plugin designed for use in kiosks that parses a web page for specific HTML attributes to allow easy creation of tailored, accessible HTML pages.

Education

Early high school graduation 2012 (3.9 GPA)

3-time Intel International Science and Engineering Fair competitor

WebValley 3-week intensive internship in Transacqua, Italy 2012

Incomplete undergraduate education 2012-2014 (3.44 GPA)

At the University of Wisconsin-Madison pursuing BS in Computer Engineering.