

Gavin Lloyd

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Profile

*Lovable front-end web developer with commercial and open-source experience building useful applications with **JavaScript**, **HTML5**, **CSS**, **Node.js**, related frameworks and **agile development** methodologies.*

I'm particularly enthusiastic about pixel-perfect interface designs, emerging web standards modern JavaScript features that enable developers to create flexible and maintainable codebases.

I've authored numerous **open-source** software projects, including a sandbox for web scripting and design, a Mozilla Firefox extension for reviewing SSL cipher and certificate information, a **Raspberry Pi**-powered sprinkler controller accompanied by a mobile application and more than a dozen Node.js modules available on the **npm** registry. I am also a frequent contributor of packages for Arch **Linux**.

Employment

Software Development Engineer, Intel Corporation 2018 - Present

- Developing modern infrastructure and web applications interacting with multiple internal services to help efficiently drive product engineering efforts.

Software Development Engineer, Intel Corporation 2013 - 2017

- Developed IoT UI features for *Intel System Studio*.
- Prototyped and implemented a UI design for a JavaScript debugger for IoT applications using **Polymer**, **TypeScript** and **Less**.
- Developed a **Cordova** plugin service and certificate manager for *Intel XDK*, a desktop IDE built with **node-webkit** for cross-platform HTML5 mobile and IoT application development.
- Contributed to a **responsive design** UI editor for mobile applications built with **AngularJS** by creating a versioning system for popular widget frameworks, as well as an import mechanism to convert UI designs between available frameworks.

Programming & Technical Lead, Oregon State University 2011 - 2013

- Developed a **RESTful API** for querying student and faculty user account data from multiple sources. API results were made available via **JSON/JSONP** or **XML** to facilitate integration with other applications on campus. This included a corresponding **AJAX** web application built with **Backbone.js**.
- Led a small team of student developers designing, creating and maintaining internal web-based tools.

Education

Bachelor of Science - Computer Science, Oregon State University 2013