

Ian D. McCunn, MM — Seattle, WA

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Digital Presence

ianmccunn.com — [linkedin.com/in/ianmccunn](https://www.linkedin.com/in/ianmccunn) —

github.com/imccunn — coderbits.com/mcfun

A JavaScript stack developer with a background in web application development and music composition, with an interest in engineering self-documenting, modular and secure web applications for enterprise, music education, research, procedural content generation, and wireless sensor networks.

Skills

Domain	Proficient	Developing
Languages	JavaScript, HTML5/CSS3/Sass, C/C++, RegEx	Python, Java, Scala
Frameworks	Node.js, Express.js, jQuery, Mocha/chai, React, Ember	Angular, Meteor
Persistence	MongoDB/mongoose, Redis	PostgreSQL
Development Environment	SublimeText 3, atom, git, bash/iTerm, JSDoc	Vim, PowerShell
Build	Grunt, Gulp, Bower, Browserify, TravisCI	Webpack
Deploy	Digital Ocean, Heroku, Nginx, Apache	AWS, Azure, Docker
Operating Systems	Unix, ubuntu, Windows, OSX	TinyOS, FreeBSD, archlinux

Select Projects

Wagoge — Browser game — 3/15 — wagoge.herokuapp.com

- Procedurally generated game leveraging CraftyJS game engine and React/Flux application architecture.

Rouster iOS Application Server — 2/15

- Developed a dedicated JSON API server for iOS app to consume.
- Leveraged Node.js and Express.js for server architecture and MongoDB for persistence layer.

Northwest First Aid Training — 8/14 — www.nwfirstaidtraining.com

- Developed static, responsive website for first-aid training business website.
- Deployed on Ubuntu with Nginx and Digital Ocean.

Professional Experience

Code Fellows — 4/15-6/15 — JavaScript Teaching Assistant

- Assisted students with project and reading assignments related to the JavaScript stack.
- Graded assignments and provided feedback regarding code style, DRY principles, and test coverage.
- Provided feedback to lead instructor regarding student comprehension, questions, and progress.

Lasher Holzapfel Sperry & Ebberson — 6/12-2/15 — *Docketing Coordinator*

- Scheduled cases and maintained scheduling protocols for 30 attorneys.
- Provided firm-wide support and training for scheduling software.
- Maintained and updated Corporate and Estate Planning, MS Access databases.

Education

Code Fellows — 2/15-4/15 — Full Stack JavaScript Software Development

Western Washington University

- Masters in Music Composition — 9/10-6/12 — GPA: 3.7
 - Emphasis on electroacoustic music and digital signal processing with max/msp and supercollider.
- Bachelors in Music Composition, Computer Music Emphasis — 9/06-6/10 — GPA: 3.2
 - Computer Science Courses: Dynamic HTML, Data Structures and Algorithms with scheme, Java

Mount Si High School — 2 years of AP Computer Science with C++ - AP Test Score: 3