

# Matthew J. Finnell

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<https://github.com/mattfinnell>

## Profile

Software Development Engineer with 3 years experience, I am proficient with both backend and frontend development using C#, Python, Javascript, SQL, HTML5 and CSS3. I focus on web application development using micro service architecture and strive for code clarity and quality. I enjoy interacting and collaborating with developers, designers and team members.

## Experience

SPIE - Software Engineering Intern

June 2015 - June 2016

I contributed to upgrading portions of website infrastructure from .NET V2.0 to .NET MVC V4.0. I rewrote many aspx webforms to take on a new graphical front end, be MVC compliant, and communicate between existing SQL databases and Sharepoint.

Technology Alliance Group NW - Volunteer Developer

Jan 2015 - Dec 2015

I helped design a backend system that would pull in JSON and XML data from multiple APIs and perform data checks to ensure that data is consistent between each API. This was implemented with a Python backend that communicated with RESTful Web Services and a variety of databases.

Prepared Response - Front End Web Development Intern

June 2014 - Jan 2015

Collaborated with both graphic designers and developers to redesign the corporate website. I successfully reimplemented the new site using HTML5, twitter bootstrap, jQuery and AJAX. The resulting website was more dynamic, responsive and leaner than the previous website.

## Education

Bellevue Senior High School

Western Washington University (Computer Science)

## Skills

Backend Development using Java, C#, Python and Node.js

Frontend Development using HTML5, CSS3, and Javascript

Database Management using T-SQL, postgresSQL and mongoDB

Web Service Interaction using RESTful APIs and Sharepoint

Version Control using Git and TFS