Samuel Davidson

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Profile

Excited software engineer who enjoys collaborating with a team to find innovative solutions to complex programming challenges. I enjoy web and game development with friends in my free time.

Technical Experience

Frameworks

- .NET MVC, Web API, Entity Framework, AngularJS, RequireJS, Bootstrap, NUnit, Gherkin, Jasmine, Grunt, NodeJS

Languages

- Javascript, Typescript, CSS, HTML, C/C++, C#, SQL, XML, JSON

Software

- Visual Studio .Net, Eclipse, WebStorm, MS SQL Server, Azure, AWS, Git, Node, VIM

Experience

Associate Software Engineer

May 2015 – Present

- Architected a CRM platform in use by thousands of car dealerships globally.
- Developed in an Agile/Scrum environment with a high level of communication and collaboration between all team members.
- Front-end development on a SPA using AngularJS, RequireJS, and various Javascript libraries.
- Back-end development with HTML scraping and web shimming. (ExpressJS, NodeJS, cheerio)
- Improved server-side shim testing strategies with HTTP request mocking, significantly improving code coverage.

Network Operations Technician

Fall 2014 – May 2015

- Resolving issues customers have with LNG dispensers as well as monitoring security and safety faults. The job involved debugging embedded systems, transaction database analysis, and advanced troubleshooting.

Education

University of Utah, Salt Lake City, Utah

- Computer Science Major
- Software Practice in C#, Java, C/C++, Racket
- Computer networking, low-level systems, and programming languages
- Strong understanding of logical mathematics, data structures, and algorithms.
- 3.862 GPA with multiple semesters on the College of Engineering Deans List

Hillcrest High School, Midvale, Utah

- International Baccalaureate (IB) Diploma and AP

Pluralsight Course Completions

- 30 courses including courses on pragmatic unit testing, data modeling, encapsulation and SOLID, and inversion of control.
- Full completed course list available at www.sambdavidson.com/pluralsight

Microsoft ASP.NET MVC Certified