

Samuel Davidson

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Profile

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

Technical Expertise

Frameworks

- NodeJS, AngularJS, RequireJS, Apache Maven, Apache Tomcat, Spring Frameworks, .NET MVC, Web API, Entity Framework, Bootstrap, NUnit, Gherkin, Jasmine, Grunt.

Languages

- JS/TS, CSS, HTML, JAVA, C/C++, C#, SQL, XML, JSON

Software

- Visual Studio, Eclipse, JetBrains Tools, MS SQL Server, Azure, AWS, Git, Node, Grafana, Graphite, JIRA, Splunk, various deployment pipelines.

Work Experience

[Expedia, INC](#) - Software Engineering Intern

May 2016 – Aug 2016

- Interned on the package pricing team under the Expedia Worldwide Engineering department.
- Improved monitoring and metrics throughout multiple back-end services.
- Architected and implemented a new package pricing service use-case to better price certain travel packages and minimize unnecessary margin loss. Expected to result in a notable revenue increase in the following months.

[DealerSocket](#) - Associate Software Engineer

May 2015 – Feb 2016

- 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.

[Transfuels LLC](#) - Network Operations Technician

Fall 2014 – May 2015

- Fuel systems monitoring, security, and safety faults. Involved debugging embedded systems, transaction database analysis, and on-call troubleshooting.

Education

University of Utah

Graduating May 2017: *Bachelors in Computer Science*

- Software Practice in C#, Java, C/C++, Racket
- Computer Networking, Operating Systems, and Programming Language Design
- Strong understanding of algorithms, data structures, and various mathematics.

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 list: www.sambdavidson.com/pluralsight

Microsoft ASP.NET MVC Certified