

Joel Verhagen

Seattle, Washington
joel.verhagen@gmail.com

TECHNICAL SKILLS

Languages

- Proficient in: C# (with Web API, MVC, WPF, Web Forms), Python (with Flask), T-SQL, JavaScript, HTML, CSS, PHP
- Familiar with: C, Standard ML, C++ (with Qt), Java

Software

- Databases: SQL Server, Azure Table and Blob Storage, MySQL, PostgreSQL, SQLite
 - IDE: Microsoft Visual Studio, Sublime Text, QtCreator, Eclipse
 - Operating Systems: All Windows platforms; CentOS, Fedora, and Ubuntu Linux platforms
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WORK EXPERIENCE

Software Development Engineer (SDE)

May 2014 - present

Microsoft Corp. (Bellevue, WA)

- Maintained and improved paginated event journal built on .NET and SQL Server
- Implemented generic REST endpoint which allows callers to efficiently poll for resource changes
- Onboarded internal subscription management system onto ASP.NET Web API
- Worked with third party customers iterating and improving REST API and documentation

Software Development Engineer (SDE) Intern

May – Aug. 2013

Microsoft Corp. (Bellevue, WA)

- Worked on the order management system for Microsoft's internal commerce platform
- Designed and implemented recovery of some volatile queue messages (for disaster recovery scenario)

Applications Developer Intern

Jan. – May 2013

Space Exploration Technologies Corp. (Los Angeles, CA)

- Fixed bugs and developed enhancements on SpaceX's internal ERP tool, used to aid the manufacturing process
- Designed and developed an in-browser tool to edit sensor calibration files for the flight software (C# + MVC 4)
- Wrote integration tests and unit tests for new and existing code

Software Development Engineer in Test (SDET) Intern

Mar. – Jun. 2012

Microsoft Corp. (Redmond, WA)

- Wrote and debugged automated test cases in C# for Blend for Visual Studio (formerly Expression Blend)
- Heavily tested tooling and design experience for Windows Phone 8
- Wrote a full test app for Windows Phone 7 and 8, which is used as an end-to-end test scenario for Blend

Development Intern

Mar. – May 2011, Sep. – Dec. 2011

Seapine Software, Inc. (Cincinnati, OH)

- Worked on developing multi-platform bug tracking software

Development Intern

Jun. – Sep. 2010

The Kroger Co. (Cincinnati, OH)

- Developed reporting systems and mobile web apps in Java

Engineering Intern

Summer 2008, Summer 2009

ShareThis, Inc. (Cincinnati, OH)

- Intern programmer for a web start-up business mainly interacting with social media
 - Design, development, and deployment of ShareThis Firefox add-on (nearly 250,000 users)
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EDUCATION

B.S. in Computer Science

Sep. 2009 – May 2014

University of Cincinnati (Cincinnati, Ohio)

- Dean's list with **3.850 GPA**
- Completed a **Math Minor**