

Joel Verhagen

Cincinnati, Ohio

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TECHNICAL SKILLS

Languages

- Proficient in: C# (with MVC, TPL, WPF, EntityFramework, NHibernate, WCF), Python, JavaScript (with jQuery, Node.js, Knockout), HTML / CSS, PHP (with Doctrine, CodeIgniter), C++ (with Qt), C, Java
- Familiar with: Flash ActionScript, Standard ML, Answer Set Programming (Clasp / Gringo)

Software

- Database: SQL Server, MySQL, PostgreSQL, SQLite
- IDE: Microsoft Visual Studio, QtCreator, Eclipse
- Operating Systems: All Windows platforms; CentOS, Fedora, and Ubuntu Linux platforms

WORK EXPERIENCE

Software Development Engineer (SDE) Intern

May – Aug. 2013

Microsoft Corp. (Seattle, 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)
- Worked heavily in C# and T-SQL in a layered software architecture (POCO model, DAL, sprocs)

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. (Seattle, 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 in a professional environment developing multi-platform bug tracking software
- Developed heavily with C++ and Qt, scripted with Python

Development Intern

Jun. – Sep. 2010

The Kroger Co. (Cincinnati, OH)

- Developed reporting systems and mobile web apps in Java
- Communicated with end users to ensure product's quality

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)
- Extensive work with PHP, JavaScript, and HTML/CSS

EDUCATION

B.S. in Computer Science

Sep. 2009 – May 2014

University of Cincinnati (Cincinnati, Ohio)

- Dean's list with **3.840 GPA**
- Completed a Math Minor