

Joel Verhagen

Seattle, Washington
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TECHNICAL SKILLS

Languages

- Proficient in: C#, T-SQL, Python, JavaScript, HTML, CSS
- Familiar with: C, PHP, Standard ML, C++ (with Qt), Java, Rust

Software

- Data: SQL Server, Azure Table and Blob Storage, SQLite
 - Cloud: Azure – Storage, Service Bus, Search, SQL, Websites, Cloud Services, VMs, KeyVault, Application Insights
 - Operating Systems: Windows, Ubuntu Linux
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WORK EXPERIENCE

- Software Engineer I, II, Senior** Oct. 2015 - present
Microsoft Corp. – NuGet, Visual Studio team
- Design and start implementation of re-architected nuget.org package search using Azure Search
 - Help design and implement package signature validation on nuget.org and design repository signing
 - Document NuGet HTTP protocol for public facing documentation website
 - Design and help implement asynchronous validation of packages
 - Drive nuget.org redesign website to be fully accessible and have a fresh look
 - Implement .NET Standard framework compatibilities in NuGet client
- Software Engineer I** May 2014 – Oct. 2015
Microsoft Corp. – Commerce Platform
- Maintained and improved paginated event store built on .NET and SQL Server
 - Implemented generic REST endpoint which allows callers to efficiently poll for resource changes
 - Implemented notification system built on .NET, SQL Server, and Azure Service Bus
- Software Development Engineer Intern** May – Aug. 2013
Microsoft Corp. – Commerce Platform
- Worked on the order management system for Microsoft’s internal commerce platform
- Applications Developer Intern** Jan. – May 2013
Space Exploration Technologies Corp. – IT
- Designed and developed an in-browser tool to edit sensor calibration files for the flight software (C# + MVC 4)
- Software Development Engineer in Test (SDET) Intern** Mar. – Jun. 2012
Microsoft Corp. – Blend, Visual Studio team
- Wrote and debugged automated test cases in C# for Blend for Visual Studio (formerly Expression Blend)
- Development Intern** Spring 2011, Fall 2011
Seapine Software, Inc.
- Worked on developing multi-platform bug tracking software
- Development Intern** Jun. – Sep. 2010
The Kroger Co.
- Developed reporting systems and mobile web apps in Java
- Engineering Intern** Summer 2008, Summer 2009
ShareThis, Inc.
- 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**