

Jason Winnebeck

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Summary

Software Architect and engineer with 10 years experience in modern, robust programming techniques on the Java platform, with projects deployed in commercial and government products.

Education

[Rochester Institute of Technology](#) **Rochester, NY**

MS, Computer Science 2010; GPA 4.00 / 4

- Study cluster: Distributed systems; Project: Embedded databases ([RealDB](#))

BS, Computer Science 2003; GPA 3.85 / 4

Skills

Java: J2SE, J2EE, [IntelliJ IDEA](#), [Groovy](#). Swing, JavaFX, some Android, JDBC, Guice, Spring, JAX-RS, JAX-WS

Linux: Ubuntu/Debian and deb packaging development/deployment, "Embedded"/custom Linux with BusyBox

Tools: SQL Server and MySQL. Subversion, Mercurial, GIT, [Trac](#)

Web: HTML, XML, XML Schema, CSS, [REST](#) and SOAP web services, AngularJS, Grunt, npm, bower.

Other: SAE standards J1587, J1708, J1939, J1979, CAN. C/C++ (STL, Boost), some C#

Experience

[Wellington Steele and Associates](#) **Rochester, NY**

Assignment at [Windstream](#)

Contractor; Software Engineer III 8/2013 to present

- Select technologies, design and build backend and frontend for a sales quoting applications used by external users
- Backend provided SOAP (JAX-WS) and REST (JAX-RS) web services using Jetty and CXF
- Frontend written in JavaScript, using AngularJS and Bootstrap, using Grunt and Bower build tools
- Configure services and Apache on Linux development and production servers, and create deployment scripts
- Set up and maintain Jenkins continuous integration server

[Rochester Institute of Technology](#) **Rochester, NY**

Senior Staff Engineer 11/2011 to 08/2013

Staff Engineer 12/2013 to 10/2011

- Lead software design and development process for multiple projects:
 - Generic Java framework for a modular vehicle diagnostics and telematics system. Used Java 1.3-1.7, JDBC, SQL, XML, and networking technologies to develop the project.
 - Java Swing-based maintainer's interface, and data synchronization software
 - Android version to collect and store data from light vehicles (OBD-II)
 - Projects have been deployed in [US Marine Corps](#), [commercial](#) applications, and a spin-off company, [Vnomics](#)
- Work with team to introduce and facilitate Agile programming ([Scrum](#), [Continuous Integration](#))
- Work with MySQL databases on Linux and SQL Server databases (100s GB+ size) in Windows.
- Developed and implemented team workflow and release management processes.
- Interview, hire and manage student co-ops (paid internships).
- Evaluated, configured and maintained development services (SVN, [Trac](#), Apache, [ScrumWorks](#), TeamCity, and MySQL) on a Linux Ubuntu server.

Software Co-op 5/2002 to 11/2002 + 5/2003 - 8/2003

- Started design and coding for vehicle monitoring application and maintainer's interface, described above.

[Williams](#) **Tulsa, OK**

Web Application Developer Co-op 5/2001 to 8/2001 + 11/2001 to 2/2002

- Used JSP, JDBC, Oracle, JavaScript, CSS, and HTML to create intranet web applications
- Worked in a project to redesign the [Tulsa Historical Society](#) website (since redesigned)

Patents

[Data Processing Systems and Methods](#), 8175848

Honors

Eagle Scout, RIT Dean's List