

Emily Uhde

Software Engineer

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Software Development Engineer in Test

Microsoft | Redmond, WA | September 2013 – Present

Responsible for quality assurance of product integration of the Visual Studio Online Agile planning tools with the new Windows Azure cloud hosting portal. This includes writing C# automated tests and test framework, performing exploratory and regression testing of our features in the new portal, and maintaining existing test infrastructure of our product in VSO. Additional responsibilities include regression testing of our product areas and maintaining and updating automated test code for VSO. User Friendly and Accessibility tenet owner.

ApplyWeb Software Development Intern

CollegeNET | Portland, OR | April 2013 – August 2013

Quality assurance intern for CollegeNET's Apply Web software. Performed regression testing after software updates and testing on new features. Found and reported 20 bugs per month on average during version 3.3 release testing and 16 bugs per month during version 3.4 testing. Wrote over 40 complete manual regression tests and documented bugs using Zephyr and Jira.

Android Software Development Intern

Argonne National Laboratory | Lemont, IL | May 2012 – August 2012

Created a fully functional Android application for indoor location estimation in less than 10 weeks. Incorporated scanning for WiFi access point data and Bluetooth device data into the application to be used with our research group's location estimation algorithm. Incorporated a collection of smart phone sensor data, such as magnetic field and acceleration, into the application. Implemented a Java socket server to collect and process Google's Gson serialized data from mobile devices running the application. Created an application GUI using XML and Java.

Managing Editor

The VanCougar at Washington State University | Vancouver, WA | October 2011 – May 2012

Managed the production of the Washington State University Vancouver campus newspaper. Created newspaper layouts using Adobe InDesign and edited photographs using Adobe Photoshop. Oversaw newspaper layout to ensure standards were met for high quality printing. Assisted with recruiting advertisers and managing advertising contracts. Ensured production due dates were met and production timeline was followed. Interviewed and hired a new advertising manager.

Bachelor of Science in Computer Science

Portland State University | Portland, OR | 2013

Capstone project was done under the Portland State Aerospace Society and consisted of creating a Python socket server to collect telemetry data sent from launched rockets. Elective course work includes Cryptography, Human Computer Interaction and Agile Development.

Bachelor of Arts in History and German

University of Washington | Seattle, WA | 2008

Programming Languages

& Frameworks:

Databases:

Environments:

Version Control and Issue Tracking:

Java, C#, C, JavaScript, HTML, CSS, XML

Learning Angular.js, Sass, Ruby and Python

PostgreSQL, SQLite, Microsoft SQL Server

Linux, Visual Studio, Eclipse, Emacs

Git, GitHub, Microsoft TFS, SVN, VSO, Jira, Zephyr