Ian Littke

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Work Experience

Populus Group, LLC for Microsoft   **Redmond, WA**
Software Test Engineer III   *2014–2015*
Software and hardware test engineer for Cortana
- Created stop-gap solution for testing Cortana keyword spotter (Mobile & PC)
- Collected microphone/speaker data for statistical analysis on OEM laptops

Populus Group, LLC for Microsoft   **Redmond, WA**
Software Test Engineer II   *2012–2014*
Software and hardware test engineer for Xbox One and Kinect
- Provided a fix for pre-alpha phase test data (20,000 wav files) caused by bug
- Rewrote existing test infrastructure from batch script to C# reducing runtime while increasing received test data
- Created .net webpage with graphs to show detailed information on automated tests

Populus Group, LLC for Microsoft   **Redmond, WA**
Software Test Engineer I   *2010–2012*
Software and hardware test for Xbox 360 Kinect
- Created temporary solutions for daily accuracy testing
- Developed and executed both manual and automated tests
- Bi-Monthly SDK validation testing for team

Languages and Technologies

Proficient	Java	C	C#	
Beginning	SQL	Racket	JavaScript	Python
Tools	Visual Studio	IntelliJ	gcc	git
Skills	Agile Methodologies	Testing	Automation	*nix, OS X, Windows

Projects of Interest

Western Washington University
MiniShell   *2016*
- Simple C shell for Unix as class project.
- Handles pipes, redirection, command/variable expansion, and simple script reading

Edmonds Community College
Emergency Vehicle Detection: Frequency Detection and Localization   *2015*
- Experimental project (github.com/mowzie/vehiclefinder)
- Implemented a cross-correlation algorithm in C to determine frequencies of interest

Microsoft
Recording Tool   *2013-2015*
- Designed, developed, documented, and maintained in-house C# recording wrapper
- Interfaced with Xbox 360, Xbox One, Win10 devices, and a LUA gantry robot

Education

Western Washington University   **Bellingham, WA**
Bachelors of Science: Computer Science   *2015–Dec 2017 (expected)*

Edmonds Community College   **Lynnwood, WA**
Associate of Science: Mathematics   *2014–2015*

Art Institute of Seattle   **Seattle, WA**
Associate of Applied Arts: Audio Production   *2007–2009*

Awards

2015–present: Washington State Opportunity Scholarship