

Ian Littke

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Education

Western Washington University

Bachelors of Science: Computer Science

Bellingham, WA

2015–Dec 2017 (expected)

Edmonds Community College

Associate of Science: Mathematics

Lynnwood, WA

2014–2015

Art Institute of Seattle

Associate of Applied Arts: Audio Production

Seattle, WA

2007–2009

Experience

POPULUS GROUP, LLC for MICROSOFT

Software Test Engineer III

Redmond, WA

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

Software Test Engineer II

Redmond, WA

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

Software Test Engineer I

Redmond, WA

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

Projects of Interest

WESTERN WASHINGTON UNIVERSITY

MiniShell

2016

- Currently developing a C shell for Unix as class project

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

Awards

2015–present: Washington State Opportunity Scholarship

Languages and Technologies

Java

Visual Studio

Agile Methodologies

C

VIM / Atom

Testing (unit, black box, validation)

C#

IntelliJ

Automation

MySQL

TFS / CVS / git

*nix, OS X, Windows