

Ian Littke

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Summary

Recent computer science graduate with experience in software development and testing with **C**, **C#** and **Java**. Quick learner that can easily adapt, excellent work ethic, and strives in both team collaboration and independent work.

Education

Western Washington University <i>Bachelors of Science: Computer Science, GPA 3.33</i>	Bellingham, WA 2015–Dec 2017
Edmonds Community College <i>Associate of Science: Mathematics, GPA 3.75</i>	Lynnwood, WA 2014–2015
Art Institute of Seattle <i>Associate of Applied Arts: Audio Production, GPA 3.0</i>	Seattle, WA 2007–2009

Languages and Technologies

Languages	C	C#	Java	Python	SQL
Technologies	git	Scikit-Learn	Tensorflow	WPF	
Elective Courses	Deep Learning	Device Drivers	Parallel Computation	Natural Language Processing	

Work Experience

POPULUS GROUP, LLC for MICROSOFT <i>Software Test Engineer</i> Software and hardware test engineer for Xbox <ul style="list-style-type: none">- Collected microphone/speaker data for statistical analysis on a myriad of devices including laptops, all-in-ones, and accessories- Rewrote existing test infrastructure from batch script to C# reducing runtime by 50% while increasing received test data- Created .NET webpage with graphs to show detailed information on automated tests- Created tools for daily accuracy testing including Cortana/Xbox keyword spotter	Redmond, WA 2010–2015
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Other.....

WESTERN WASHINGTON UNIVERSITY <i>Audio Recordist</i> <ul style="list-style-type: none">- Archival recording and digitizing analog recordings for the music department.	Bellingham, WA 2016–2017
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Projects of Interest

WESTERN WASHINGTON UNIVERSITY <i>Reinforcement Learning Project</i> <ul style="list-style-type: none">- Group project to use machine learning models to teach a rigid-body simulation in Unity- Utilized ml-agents framework to tie Unity and tensorflow	2017
WESTERN WASHINGTON UNIVERSITY <i>Flight Planner</i> <ul style="list-style-type: none">- Group project for the Whatcom Civil Air Patrol (CAP), written in C#- Allows CAP to easily create Garmin G1000 navigation files- Provided the majority of the front-end development- Project information is stored at github.com/CIOS-Digital	2017
EDMONDS COMMUNITY COLLEGE <i>Emergency Vehicle Detection: Frequency Detection and Localization</i> <ul style="list-style-type: none">- Experimental project (github.com/mowzie/vehiclefinder)- Implemented a cross-correlation algorithm in C to determine frequencies of interest	2015
MICROSOFT <i>Recording Tool</i> <ul style="list-style-type: none">- Designed, developed, documented, and maintained in-house C# recording tool- Interfaces with Xbox 360, Xbox One, Win10 devices, and a LUA-controlled gantry robot	2013-2015