





Ian Littke

Software Developer

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Social Network

 linkedin.com/in/littke
 github.com/mowzie
 github.com/mowzie/Resume

Languages

 C#
 Java
 C
 JavaScript
 Python
 MYSQL







Frameworks

 ReactJS
 WPF
 MCV WebForms

Other Interests

 Deep Learning
 NLP
 Recording & Mixing Music
 Camping
 Sailing

Soft Skills

 Adaptable & Flexible
 Able to MultiTask
 Fast Learner
 Troubleshooting
 Friendly & Empathetic
 Mentoring & Tutoring

Work Experience

- 2020-Present **Software Development Engineer in Test II** EASi for Microsoft
- Run NVMe SSD qualification tests for Surface Storage team
 - Update and maintain **C#** and **Powershell** test code
 - Found new ways to chain tests together to reduce overall test time
 - Create **C#** and **Powershell** parsing tools to facilitate copying off results
- 2018-2020 **Software Developer** Faithlife
- Developed new features using **C#**, **React**, and **WebForms**
 - Created new and updated old **RESTful API routes**
 - Worked in new and legacy codebases
 - Wrote new features and unit tests in **NUnit**
- 2010 – 2015 **Software Test Engineer I, II, III** Populus Group, LLC for Microsoft
- Manual and automated testing for Xbox Kinect
 - Headed data-collection effort for speech recognition training/testing
 - Created in-house **C#** recording tool used by team
 - Rewrote nightly tests in **C#**
 - Documented results in a **.NET** webpage with **Excel Pivot Tables**

Education

- 2015 – 2017 **Bachelor of Science: Computer Science** Western Washington University
- 2014 – 2015 **Associate of Science: Math Focus** Edmonds Community College
- 2007 – 2009 **Associate of Applied Arts: Audio Production** Art Institute of Seattle

Projects

- 2020 **Destiny Discord Bot** Personal
- Simple Discord bot utilizing Bungie.net **APIs**
 - Lists online clan members, groups by fireteams, shows current activity
 - Source: github.com/mowzie/destinyClanDiscordBot
- 2017 **Flight Planner** WWU
- Group project for the Whatcom Civil Air Patrol (CAP), written in **C#**
 - Allows CAP to easily create Garmin G1000 navigation files
 - Currently under rewrite due to Google API changes
 - Source: github.com/CIOS-Digital/flight-planning/tree/dev
- 2017 **TCP Chat App** WWU
- Client and Server chat app written in **C** and using **curses**
 - Uses initializes socket creation and listening
 - Source: github.com/mowzie/tcpChat
- 2017 **PCI-DAS08 Device Driver** WWU
- Device driver for an external audio interface
 - Written for both NetBSD (**C**) and Windows 10 (**C++**)
 - Source: github.com/mowzie/dasDriver
- 2010 – 2015 **Recording Tool** Microsoft
- **WPF C#** app to assist in manual and automated recordings
 - Controls a **LUA** gantry robot for audio playback while recording on Win10