Ian Littke

Software Developer

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Social Network

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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

Work Experience

2020-Present	**Software Developer Engineer in Test II**	EASi for Microsoft

- Ran qualification tests for Surface Storage team for NVMe SSD sign-offs
- Updated and maintained **C#** and **Powershell** test code
- Created several **C#** parsing tools to facilitate reading results

2018-2020	**Software Developer**	Faithlife

- Developed new features using **C#**, **React**, and **MVC WebForms**
- Created new and updated old **RESTful API routes**
- Worked in new and legacy codebases
- Wrote feature 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
- 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

Current	**Destiny Discord Bot**	Personal

- Simple Discord bot utilizing Bungie.net **APIs**
- Lists online clan memembers, groups by fireteams, shows current activity
- **JavaScript** and hosted by **AWS**
- 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