**Samson DeVol**

[me@samsondevol.com](mailto:me@samsondevol.com) | (503) 430-4753 | [samsondevol.com](http://samsondevol.com/) | GitHub: [SamsonDeVol](https://github.com/SamsonDeVol) | LinkedIn: [samson-devol](https://www.linkedin.com/in/samson-devol-0b72391a1/)

**Education**

**Bachelor of Science in** **Computer Science with focus in Entrepreneurship**GPA 3.80

*Oregon State University – Cascades, Bend, OR* *September 2020 – June 2023 (expected)*

* Academic Excellence: Oregon State Elevator Pitch Competition (OSEPC) First Place Winner, Layman Fellowship Program Award Recipient, Scholastic Honor Roll, Dean’s List, National Conference of Undergraduate Research Selected Presenter.

**Work Experience**

**Robotics and Coding Instructor**

*Forge Academy, Bend, OR October 2022* – *February 2023*

* Taught a group of six or more students aged 8-14 to explore fundamental development strategies using Lego robotics, Swift Playgrounds, GitHub and more to demonstrate how one can interact with programming to create interactive elements.
* Collaborated with instructors, parents, and students to determine areas of interest for individual students which fosters excitement, such as incorporating interactive robotics and bringing personal projects into class.

**Information Technology Intern**

*Vividion Therapeutics, Bayer, San Diego, CA June 2022 – September 2022*

* Wrote Python scripts wrapping PowerShell Commands to automate Active Directory processes, such as user instantiation, deletion, and privileges, alleviating systems administration employees 1-2 hours work weekly.
* Deployed virtual machines using Hyper-V hosted on Azure Cloud Services to create development environments mimicking business software, such as Microsoft Suite and alternate operating systems, to test code safely.

**Relevant Projects**

**Hearing Simulator Web Application**

* Utilized modular programming to dissect a single audio input to be manipulated and visualized according to professional audiology frameworks such as Audiograms using JavaScript’s Web Audio API library.
* Designed interface for users to directly manipulate decibel levels for 8 unique frequency ranges, choose preloaded values, and upload audio sources using the React framework.

**Music Concert Program Optical Character Recognition**

* Scraped websites for music concert programs and stored the image and extracted text information via optical character recognition algorithms into a Microsoft SQL Server managed using Docker.
* Led efforts in restructuring task delegation and tools for production and deployment to align a team of 5 developers to collaborate on code sprints and produce a minimum viable product within a 10-week timeframe.

**Disaster Resource Network**

* Delivered a high coverage test suite for a Ruby on Rails web application using unit, integration, and end-to-end tests with RSpec while tracking issues and merging code using Git.

**Skills**

**Concepts**

* Agile, Analysis of Algorithms, Databases, Data Structures, Machine Learning, Networks, Operating Systems, Software Engineering, Test Driven Development, Web Development.

**Languages/Tools**

* C, C++, Python, JavaScript, React, Ruby, Ruby on Rails, HTML, SQL, Git, Command Line.