

Connor Barlow

Software Developer

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Covington, WA
[Portfolio](#) | [Linkedin](#)

AREAS OF EXPERTISE

- Asynchronous Programming
- Scripting and Automation
- Network Programming
- Unix Development
- Technical Documentation
- Presentations

TECHNICAL SKILLS

Languages	Javascript, HTML, Python, Java, MySQL, Bash Scripting
Tools	git, Bash, React, Node, Angular, AWS Web Services
Computer Science	OOP, Multithreaded Programming, Database Design, Machine Learning, Algorithm Analysis, Full-Stack Network Programming, Unix Application Development

EDUCATION

Green River Community College	Graduated December 2018 — GPA 3.15/4.0 Associates of Science with Computer Science Focus
Western Washington University	Graduated June 2021 — GPA 3.82/4.0 Bachelors of Science with a Minor in Mathematics

EXPERIENCE

Amazon Dex Robotics Technical Support (Contract)	October 2021 — Present
<ul style="list-style-type: none">• Manage software deployment for robots using custom Python scripts in a Unix environment.• Operate in a fast-paced environment with highly variable workloads and requirements.• Perform routine maintenance and record keeping on all robots in accordance with SOP's.	

PROJECTS

Independent Fullstack Web Development	January 2022 — Present
<ul style="list-style-type: none">• Learning how to apply best practices with React and Angular frameworks.• Focus on building websites from a full stack mentality.• Creating RESTful backends to work with responsive frontend applications.	
Tex2Speech (Link)	September 2020 — July 2021
<ul style="list-style-type: none">• Used Flask and AWS to create a modern and responsive web application.• Employed TDD and BDD as a team to ensure progress was being made and to verify new features.• Used sprints, scrums and other AGILE techniques to coordinate both with the team and the client.	
Android Satellite Viewer (Link)	May 2021 — June 2021
<ul style="list-style-type: none">• Realtime application that displays and dynamically groups satellites using the MapBox API.• Made heavy use of ViewModels and Fragments to help with both reliability and performance.• Computed satellite positions directly from their encoded orbits, greatly increasing performance.	

PERSONAL ACHIEVEMENTS

Worked on novel deep learning research with Brian Hutchinson at WWU
Chosen to represent WWU for the 2020 Accenture Innovation Challenge
Awarded the rank of Eagle Scout

June 2020
February 2020
July 2015

HOBBIES

Music Production
Backpacking
Digital Art