

# Eli Burch

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## Education

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**Bachelor of Science** in Computer Science - Expected Graduation June 2022      March 2020 - June 2022  
Portland State University - Portland, Oregon: GPA: 3.83

**Associate of Science** in Computer Science      September 2016 - August 2020  
Portland Community College - Tigard, Oregon

## Skills

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**Programming:** Git, C/C++/C#, Java, Python, BASH, HTML/CSS, OpenGL  
**Software:** MobaXterm, Visual Studio, VS Code, Microsoft Office

## Related Coursework

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- CS 163 - Data Structures and Algorithms
- CS 162 - Intro to C++
- CS 202 - Programming Systems
- CS 300 - Intro to Software Engineering

## Projects

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**Vector Field Generator** - Generates a vector field given two differential equations  
<https://github.com/redawl/VectorOpenGL>

**Basic HTTP Server** - Static HTTP server, written in python, only GET is implemented so far.  
<https://github.com/redawl/HTTPServer>

## Experience

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**Computer Action Team @ PSU (CAT)** - IT / Support Specialist      September 2020 - Present

- Assisted Engineering faculty and students with issues related to the Linux and Windows servers, and other resources.
- Implemented a webform in PHP and HTML for students to fill out when they accidentally delete files on the Linux servers.
- Wrote networking documentation to help students learn about the OSI layers.

**Fred Meyer** - Produce Clerk      June 2017 - Present

- Offloaded and processed \$20,000 worth of produce each day, and then helped stock the floor.
- Assisted customers in many ways, such as helping them find the desired product or searching for a sufficient alternative, all with the goal of making their day better.
- Learned to be a punctual employee, and developed a solid work ethic.