

## Gustavo Carrillo Castro

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### EDUCATION

**Portland State University** - Bachelor's in Computer Science

Portland, OR

GPA: 4.0, Presidents List

Graduating June 2026

### WORK EXPERIENCE

**Portland State University**

Portland, OR

Technical Course Support Specialist

Sep 2024 – Present

- Assist undergraduate students taking Portland State's C++ Introduction to Programming, Data Structures, and Programming Methodologies sequence with assignments and understanding of course material, with an emphasis on object oriented design and structured programming principles.
- Participated in leading student C++ and Python learning labs, aiding with environment setup, debugging, and learning of core class concepts with over 80+ students a term. Making sure people understand topics at a foundational level.
- I hold drop in hours where students can seek help debugging their programming assignments with gdb and valgrind, understanding compiler errors, running through data structure algorithms and diagrams, and general tutoring for computer science principles.

**Computer Action Team (Engineering and Computer Science IT Team)**

Portland, OR

Technical Support Services

Oct 2023 – June 2024

- Served a help desk role for engineering and computer science students of Portland State's MCECS school of engineering, in Linux, Windows, and Mac environments.
- Helped troubleshoot and guide users through web printing, remote desktop protocols, SSH, vpn, networking, & accessing web applications.
- Served 4 hours a week working the front desk with a team of other student volunteers troubleshooting user issues and writing tickets when problems needed to be documented and escalated.

**Target**

Portland, OR

Electronics Expert, General Merchandise, Cashier

Oct 2021 – Mar 2023

- I was responsible for the media, toys, and electronics section during the evening and closing rush, maintaining accurate inventory, and a visually appealing environment.
- Helped customers identify device specifications, general troubleshooting, phone activations. Often tasked with giving guests accurate and helpful product suggestions ranging from phones to video games.
- Worked the register at a high volume store keeping customers happy and engaged while de-escalating scenarios in which problems arose.

### Projects

**Airline Android App:** Developed an Android app with Android Studio with internal storage support, XML data formatting, robust exception handling, and handled user input via widgets.

**MCP Server:** Developed an MCP server hosted on Google Cloud Run that made use of custom tools to query an api for different internships in natural language. Supporting location, wage, and major fields.

### Experience & Relevant Coursework In

**Languages:** Python, C++, C, HTML, CSS, JS, Java, PostgreSQL

**Tools and Environment:** Visual Studio, IntelliJ Idea, PyTest, JUnit, GDB, Valgrind, Android Studio, Makefile

**Classes:** Android & Java, Data w/ Python, Web & Cloud Systems,

**Fluent In:** English, Spanish