

Ana Adriana Macavei

macavei@pdx.edu | (503)849-8674 | [LinkedIn](#)

EDUCATION

Portland State University, Portland, OR

Bachelor of Science, Computer Science

Expected Graduation Date: June 2024

GPA: 3.82

Clackamas Community College, Oregon City, OR— *Transfer Degree*

September 2019 - June 2021

- Placed in President's list for excellent academic achievements

SKILLS

Languages: English, Romanian

C++, C, Python, Rust, Data Structures, Typescript, SystemVerilog, GDB, Makefile, HTML, CSS, QuestAsim, Siemens NX, Assembly Language, Github, pytest, PostgreSQL, Unit and Integration System Tests

- Over 2 years of experience writing structured programs in a high-level programming language
- Proficient in data structures, which include various linked lists, stacks, queues, binary trees, b-trees, hash tables, and graphs
- Ability to effectively articulate technical challenges and solutions
- Experience working in an Agile environment
- Perform unit testing, object-oriented design techniques, algorithm design, problem solving and complexity analysis

EXPERIENCE

Software Engineer Intern, Portland, OR

July 2023 – December 2023

- Collaborated in a SCRUM agile team to streamline development processes
- Maintained and improved existing tools for Merchant Monitoring operations
- Developed tools to enhance merchant analysis capabilities for LegitScript analysts
- Contributed to the successful migration of databases into a single RDS cluster on AWS
- Resolved code issues to maintain workbench UI functionality

L'SPACE Mission Concept Academy, Portland, OR

September 2022 – December 2022

- Receive mission development skills training each week from NASA scientists and engineers and collaborate with other students to design a mission-related team project using Siemens NX CAD modeling

Tutor/Peer Mentor, Clackamas, OR

September 2020 – August 2022

- Maintaining a growth mindset toward student learning and teaching practice
- Facilitates problem-solving with a curious mind and critical thinking skills
- Serves as a role-model for students

Costco, Clackamas, OR

September 2018 – June 2023

- Various positions including cashier, security, photo center, bakery, gas station, front-end, stocker and member service

PROJECTS

- Participated in the Nike Insidious Hackathon
- UDEMY – 100 days of Python Code Challenge
- Certificate for completion of L'SPACE Mission Concept Academy, achieved all skill badges from trainings developed by NASA scientists and engineers
- Personal Website using Nextjs, Tailwind CSS, and Framer-motion