Anthony Silva

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Education

Oregon State University 09/2022 – 06/2026   *Corvallis, Oregon*
Bachelor of Science with Double Major in Computer Science and Mathematics, focus on artificial intelligence and applied and computational mathematics.

GPA: 3.87
Relevant Coursework

- Software Engineering
- Data Structures
- OOP in C++
- Operating Systems
- Software Testing
- Web Development
- Computer Architecture
- Databases

Experience

Software Engineering Fellow   07/2024 – 09/2024
Headstarter   *Remote*

Rigorous seven-week-long fellowship program for gaining experience in full software engineering projects.
- Built 5 AI projects and APIs using **Next.JS, OpenAi, Pinecone, and StripeAPI**
- Developed projects from design to deployment using **MVC design patterns**
- Coached by top companies on **Agile processes, Git, CI/CD pipelines, and microservice patterns**

Python Weather Application   09/2023 – 12/2023
Software Engineering at Oregon State University   *Corvallis, Oregon*

Completed a term-long project in a team of seven to develop a desktop weather application in **Python**.
- Collected, analyzed, and focused on **use cases** to ensure project requirements are met
- Organized and completed work with **functional and non-functional requirements**
- Implemented **Scrum methodologies** through task reports and weekly meetings to stay on track
- Created and implemented **user interface** icons and design in the **Flask platform** to enhance usability

Training Assistant   03/2023 – Present
Crew Member   09/2022 – 03/2023
McNary Dining Center at Oregon State University   *Corvallis, Oregon*

Assisted a large dining team to create high quality food service primarily for students living on campus
- Expressed **leadership** through stepping in as a backup lead to assist adult staffing
- Assisted with **training** new students whilst completing tasks for food service

Skills

Languages: Python, C, C++, Jest, Cypress, HTML5, JavaScript, CSS
Tools: Git, GitHub, MongoDB, MySQL, Node.js, Flask, React.js, CI/CD pipelines, AWS, Linux
Other Technical Skills: UI Design, Test-Driven Development, Debugging, Software Development Lifecycle, Object-Oriented Programming, Code Review
Soft Skills: Self-Motivation, Rapid Learning, Adaptability, Teamwork, Time Management, Critical Thinking, Detail Oriented, Agile Framework, Spanish