**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 ∙   OOP in C++ ∙   Software Testing ∙   Computer Architecture
* Data Structures ∙   Operating Systems ∙   Web Development ∙   Databases

**Experience**

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

*Headstarter Remote*

Rigorous 7-week-long fellowship program for gaining experience in full software engineering projects.

* Built 5 AI projects and APIs using **Next.JS, OpenAi, Firebase, 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 7 to develop a desktop weather application in **Python**.

* Collected, analyzed, and focused on 14 **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** 50+ new students whilst completing tasks for food service
* Provided high quality **customer service** to thousands of students living on campus

**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