Arely Rosendes

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OBJECTIVE

Computer Science student focused on obtaining an internship related to software development to enhance my skills in programming.

EDUCATION

Ohlone College, Fremont, California   August 2021 - May 2024

A.S. in Computer Science & Mathematics

Relevant Courses: Programming: C++: OOP, Data Structures, and Discrete Structures; Java: Intro and Intermediate Programming; Python: Intro to Python Programming; Assembly: Intro to MIPS Assembly

University of California, Santa Cruz   September 2024 - June 2026

B.S. in Computer Science

Relevant Courses: Machine Learning, Computer Systems and C Programming

TECHNICAL SKILLS & CERTIFICATIONS

Programming Languages: Python, C/C++, Java, MIPS Assembly, Bash/Shell Scripting

Web Tools: Javascript, HTML/CSS

DevOps Tools: Git, GitLab, OpenShift, Kubernetes, Docker, OpenAPI

Operating Systems: Linux, MacOS

Certifications: Amazon Web Services Certification (AWS)

Languages: Spanish: Fluent Native Speaker

EXPERIENCE

DevOps Intern, Lawrence Livermore National Laboratory (LLNL)   June 2024 - August 2024

- Developed a AI User-Interface that employs PaperQA using the Python Library Gradio, allowing users to upload files and obtain cited, file-based answers to their questions.
- Implemented a conversation storage system to save and retrieve user interactions.
- Utilized PyCharm for development and managed version control through Git, pushing code to GitLab.
- Deployed the application using GitLab and OpenShift, ensuring proper containerization of necessary files, and utilized GitLab Runners to execute the pipeline jobs efficiently.
- Integrated authentication features using OpenShift OAuth Proxy for secure access control.

Front-End Supervisor, Burlington   June 2022 - June 2024

- Manage a team of 10 cashiers, ensuring efficient checkout operations, accurate transactions, and achieving a high customer rating, while collaborating with sales floor workers to maintain an organized and clean store environment.

SOFTWARE PROJECTS

Personal Website in HTML/ CSS, Javascript, and Python

- Developed a personal portfolio website using HTML/CSS and JavaScript, featuring animations and a mobile-responsive design.
- The website showcases my experience, technical skills, projects, and resume to further highlight my interest in computer science.

Salesperson Salary Calculator & Chart GUI in Java

- Programmed a Salesperson Salary Calculator that calculates the base salary of the salesperson, along with 9% of sales that
- the salesperson made, and saves the result which prints at the end in a chart with the different salespeople and their salary.
- The program uses a series of fundamental concepts such as array manipulation, loops, randomization, enum, methods, and
- input validation.

Carbon Footprint Calculator & Quiz Program in C++

- Programmed a Carbon Footprint Calculator that asks users to answer a series of questions that will determine their carbon footprint. It will then quiz the user on their knowledge of global warming
- The calculator questions are saved in a Hash Table data structure, and the responses are compared to the values saved in a Map data structure to find the accurate values to add or subtract.
- The quiz questions are saved in a Binary Tree data structure, as it'll traverse through the Tree depending on the user's responses and whether it's correct or not.