

Edmund Felicidadario

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EDUCATION

California State University San Marcos, San Marcos, CA

Expected Graduation: May 2024

Candidate for Bachelor of Science degree in Computer Science

Awards: Dean's List: Fall 2022

Coursework: Data Structures & Algorithms, Computer Architecture, Operating Systems, Software Engineering, Networking, Relational Database Systems, Computer Security

SKILLS

Programming Languages: C++, Python, C#, HTML, CSS, JavaScript, PHP

Frameworks: Flask, .NET, Bootstrap

Databases: SQL, MySQL, MariaDB

Tools: Linux, VS Code, Git, REST, Jenkins, Ansible, Docker, Kubernetes, AWS, JIRA Software, MS Office/Google Workspace

WORK EXPERIENCE

QuidelOrtho, San Diego, CA

June 2022 – August 2022

IT – Systems & Network Intern

- Lead the Distributed File System project to propose optimal business solutions to company higherups
- Constructed a Virtualization sandbox utilizing Nutanix CE to perform test installations, upgrade blade server BIOS and firmware, and installed Nutanix CE and Ubuntu virtual machines
- Maintained and upgraded the on-prem data center to provide control and security over company network infrastructure
- Programmed a PowerShell watchdog script for the company's Rubrik Backup Service to monitor and prevent company data loss or corruption

PROJECTS

Simple Unix Shell

February 2023 – March 2023

- Programmed a Unix shell interface in C++ to demonstrate fundamental understanding of Unix process management
- Designed a user-friendly CLI capable of accepting and executing user commands in separate processes
- Implemented key features: history, input/output, ls, logical AND, logical OR, and vim to recreate a Unix shell

Traffic Accident Encyclopedia

April 2022 – May 2022

- Created an interactive Python data analysis program to display inquired information of real US traffic accident reports from 2016-2021
- Utilized pandas and NumPy libraries to organize and manipulate over 700,000 lines of data
- Implemented question and search functions to demonstrate capability and enable user-interactivity

STUDENT LEADERSHIP

Developer Student Club, Tech Lead

September 2023 - Present

- Lead an app development workshop on Visual Studio, C#, and .NET framework to educate students on software development fundamentals
- Worked alongside the core team to plan student organization events and push students towards future career paths and goals