



EDUCATION

Bachelor of Science in Computer Science | CALIFORNIA STATE UNIVERSITY OF LOS ANGELES

May 2023

ACADEMIC STANDING:

- Current GPA: 3.85 MAGNA CUM LAUDE • Eight-time Dean's List Recipient (2019 - 2023)

RELEVANT COURSEWORK:

- Web and Internet Programming | Software Engineering | Analysis of Algorithms | Wireless & Network Security | Compilers | Cyber Security | Computer Graphics | Data Science | Web Design | Advanced Machine Learning | Data Visualization

TOOLS / SKILLS:

- Python • Java • C++ • C • HTML • CSS • JavaScript • JSON • Bootstrap • SQL • MongoDB • GitHub • Vue.js • Django • Azure Cloud • Active Directory • O365 Administration • Tableau • Cybersecurity Practices • IT Support • Object-Oriented Programming (OOP) • Kali Linux Penetration • VMware, VirtualBox, Hyper-V • Adapt quickly to new technologies

EXPERIENCE

Cloud Services Technician | International Computing Services, Los Angeles, CA

Jan 2022 – Present

- Oversaw cloud infrastructure with Microsoft Azure, Kaseya VSA, and Microsoft 365, exhibiting cloud expertise.
- Employed Kaseya BMS Ticketing App for efficient IT support and utilized ITGlue for secure client data management.
- Acquired proficiency in O365, Azure, and Active Directory through rigorous self-learning and practical application.

Information Security Analyst Intern | Children's Hospital Los Angeles, CA

Jun 2022 – Aug 2022

- Cross-trained with Security team on various tools, devices and websites handling confidential data, ensuring robust data privacy.
- Updated security protocols using SureCloud, maintaining the organization's cybersecurity infrastructure.
- Assessed emails for potential threats using CISCO products, strengthening the organization's defense against cyber threats.
- Improved efficiency by automating security scanning via an in-house Visual Basic tool, reducing scanning time by 83.33%.

Data Center and Server Analyst Intern | Children's Hospital Los Angeles, CA

Nov 2021 – Jun 2022

- Rectified permission-related discrepancies in calendars and emails, enhancing data integrity and access control.
- Addressed IT requests, specifically email issues, through effective use of Ivanti.

Enterprise Applications (eApps) Intern | Children's Hospital Los Angeles, CA

Jul 2021 – Oct 2021

- Developed training materials in HTML for the trainee website, showcasing front-end development skills.
- Demonstrated SQL prowess in problem-solving exercises assigned by eApps team members.
- Identified and addressed issues during the development of a new hospital navigation app, ensuring high-quality application delivery. Presented findings through screen-recorded videos and meetings with team members.

PROJECTS

Configured Raspberry Pi OS LITE and VMware ESXI Hyper-V 8 Headless Server

June 2023 – Present

- Implemented Docker and Portainer for efficient container management.
- Set up port mapping and network administration for secure access and user management on the NAS/cloud server.
- Deployed multiple applications like Heimdall, Pi-hole, NextCloud, and planned to integrate a personal VPN.

NASA JPL MoonTrek Lead – NASA JPL Augmented Reality for Lunar Telescope | Cal State LA, CA

Aug 2022 – May 2023

- Project lead for NASA JPL sponsored project composed of 10 team members to build an interface that maps and models the moon.
- Project allows users to upload their images of the moon and overlay data over their image which will label and point out the historical regions of the moon.
- Implemented Vue.js, Express.js, and SQL to create a second website that is used to upload images from website users.

Personal Website – Django Framework

Dec 2022 – Dec 2022

- Engineered and maintained a web application using Django, prioritizing best practices in software development.
- Implemented responsive design with HTML5, CSS3, and JavaScript for cross-browser compatibility and optimal user experience.
- Demonstrated full-stack expertise by effectively managing comprehensive CRUD operations, showcasing proficiency in both frontend and backend development.
- Leveraged Django's ORM and SQLite3 for efficient, secure data management, demonstrating adeptness in relational database systems.

HONORS – MEMBERSHIPS - CERTIFICATIONS

- CompTIA Security+. (In Progress)
- Microsoft Certified: Azure Fundamentals. (In Progress)
- 8x Dean's recipient.
- 4x UFCW Scholarship recipient.
- NSBE, MESA, ACM, CodeBrew, Formula SAE (2020-2023).