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OBJECTIVE

UCSC undergraduate student seeking internship in Computer Networking or Systems. I have a keen interest in systems and networking programming and will further my knowledge set this coming year by taking courses for Network Programming, Computer Systems, and Embedded Systems.

SKILLS

Languages: C, C++, Python, R, and Assembly (x86 & RISC V).

Engineering: Systems Programming, Data Structures and Algorithms, Object-Oriented Programming, Computer Architecture, Socket Programming, Operating Systems

Networking: OSI and TCP/IP Model, ACLs, Routing Protocols (EIGRP, RIP, OSPF), VLAN routing, Spanning Tree Protocol, VPN, DNS, DHCP, NAT, Firewall management and Subnetting, Content Filtering.

Soft Skills: Multitasking, Organization, Problem Solving, Leadership, and Flexibility.

EXPERIENCE

JUNIOR NETWORK ADMIN • REMOTE SATELITTE SYSYEMS INT • JULY 2017 – JULY 2021

Responsibilities include but are not limited to:

- Maintenance and setup of SonicWall firewall and Email security suite.
- Troubleshooting of end systems and applications.

TELECOMMUNICATION SUPERVISOR • USMC • JUNE 2013 – JUNE 2017

Responsibilities include but are not limited to:

- Configured and maintained Cisco networking devices, Cisco Unified Communication Manager, VoIP handsets, PSTN systems.
- Supervised and assisted in the setup of networks for users ranging over 200 for various operations.

NETWORK SUPPORT ENGINEER INTERN • CISCO MERAKI • JUNE 2022 – AUG 2022

- Troubleshooting and support of Cisco Meraki security appliance, switches, access points, security cameras, and MDM systems.

EDUCATION

BS • AUGUST 2020 - JUNE 2023 • UNIVERSITY OF CALIFORNIA SANTA CRUZ

Majoring in Computer Engineering and focusing on Systems/Network Programming. Current GPA is 3.95.

AS • JUNE 2017 – MAY 2020 • SANTA ROSA JUNIOR COLLEGE

Obtained an AS for Mathematics and Natural Science. Received Deans Highest Honors for numerous terms and transferred with a 3.86 GPA.

CERTIFICATION/PROJECTS

Certifications:

- CompTIA Network+
- CompTIA Security+

School Projects: (Private please request permission)

- Lempel-Ziv Compression Program
<https://github.com/sammytesfai/Lempel-Ziv-Compression-Decompression>
- Multi-Threaded Client-Server File Replication
<https://github.com/sammytesfai/Client-Server-File-Replication>