JULIAN MANANSALA

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EDUCATION

SAN JOSE STATE UNIVERSITY   San Jose, CA
Bachelor of Science   Aug 2024 – May 2028
> Major in Engineering Tech / Computer Network System Management; Minor in Business Administration
> Relevant Coursework: Switching, Routing, and Wireless Essentials; Intro to Networks; Python; Internet of Things

Additional Dual Enrollment Coursework
> IBM SkillsBuild Cybersecurity, Diablo Valley College, Spring 2025
> IT – Making Things: Basic Electronics, Solano Community College, Spring 2023

BENICIA HIGH SCHOOL   Benicia, CA
Academic Honor Roll, Engineering Cord, CTE Engineering Pathway   Aug 2020 – Jun 2024

WORK EXPERIENCE

CHICK-FIL-A   Vallejo, CA
Restaurant Point of Sale   Aug 2023 – Apr 2024
- Acted as a key point of contact for guests, resolving issues efficiently and ensuring smooth service operations in a high-volume, fast-paced environment.
- Coordinated with team members during peak hours to meet KPIs, reduce wait times, and improve workflow.

MCDONALD'S   Benicia, CA
Restaurant Point of Sale   Jun 2022 – Oct 2022
- Managed guest interactions as a frontline team member in a high-traffic environment, proactively resolving issues and supporting smooth operations to ensure guest and team satisfaction.
- Operated and maintained kitchen equipment, restocked inventory, and upheld food safety standards, contributing to consistent compliance during health inspections.

UNIVERSITY PROJECTS

HANDS ON NETWORKING LAB SETUP   Aug 2024 – Present
- Conduct weekly hands-on labs focused on configuring and troubleshooting routers, switches, firewalls, and end devices using both physical equipment. Analyze packet flow using tools like Wireshark and perform diagnostics via integrated CLI interfaces.
- Applied core networking concepts including VLANs, subnetting, static and dynamic routing, ACLs, NAT, and DHCP across lab scenarios mirroring real-world enterprise environments.

USB KEYLOGGER DEVELOPMENT   Spring 2025
- Engineered a USB-based hardware keylogger to capture keystroke data, simulate penetration testing scenarios, and evaluate system-level vulnerabilities in endpoint devices.
- Investigated endpoint security risks and assessed mitigation strategies including endpoint protection tools and incident response protocols for unauthorized data capture and exfiltration.

ACTIVITIES

NETWORKING ENGINEERING TECHNOLOGY SOCIETY CLUB (NETS)   San Jose, CA
Committee Member   Aug 2024 – Present
- Actively participate in technical workshops, industry panels, and networking events hosted by NETS to deepen knowledge in network engineering and build professional connections.

LATINO BUSINESS STUDENT ASSOCIATION (LBSA)   San Jose, CA
Committee Member   Jan 2025 – Present
- Engage in leadership development and professional growth initiatives through LBSA, including resume workshops, speaker events, and business mentorship programs.

ADDITIONAL

Technical Skills: Network Security, Routing & Switching, Subnetting, SIEM, TCP/IP, DNS, Troubleshooting, Linux, Kali Linux, Nmap, HTML/CSS, Python, VMware, UTM, Microsoft Office, Packet Tracer, Adobe Creative Cloud
Certifications: IBM SkillsBuild (Cloud Sec, SecOps, Network Sec, Vulnerability Mngmt, GRC) | **CCNA:** Intro to Networks