

**SUMMARY**

Strong foundation in data structures and algorithms with over 2+ years of Python project experience. Currently learning C++ Looking for opportunities to apply and improve technical skills in real-world situations.

**PROJECTS**

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**Packet Tracer****Cisco Network Academy**

Network Management

January 2024 - May 2024

- Design network topologies comprising routers, switches, and end devices to emulate real-world network environments
- Subnet IPv6 and IPv4 address for different size networks
- Created 6+ custom labs covering topics such as subnetting, routing protocols, and network security
- Troubleshoot network through optimization exercises on network configurations using WireShark, terminal, and PuTTY to improve efficiency and reliability.

**Vex Robotics** – [video](#), [document](#)**San Jose State University**

Team Leader, Mechanical Engineering

October 2023 – December 2023

- Lead 6+ engineers to research and develop VEX robot designs to navigate an obstacle course to study how technology assists people in real-world situations
- Built a robot arm utilizing gears and momentum to achieve 93% efficiency when testing speed of completing tasks
- Designed an 83% efficient stable base to support arm weight and durability while maintaining weight efficiency
- Implemented failsafe device to prevent user error and recovery code to ensure robot returns back to origin
- Mapped optimal route with navigation algorithm using C++ resulting in fastest time compared to other sections: 14 seconds
- Documented the engineering life cycle on MS Word, and Powerpoint with visual representation and progress photographs with 87% concurrent audience engagement

**RELATED WORK EXPERIENCE**

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**Cole Haans****Milpitas, CA**

Sales Associate

June 2022 – February 2023

- Exceed quota of \$6,500+ in sales per day with 33% conversion rate
- Proficiency in product knowledge, able to articulate features and benefits to drive sales and meet customer needs resulting in a 20% increase in sales and customer satisfaction
- Resolved over 12 customer inquiries and concerns monthly, maintaining a 95% customer satisfaction rating
- Managed inventory levels, conducting weekly stock checks and ensuring accurate product availability for customers
- Experienced in using POS systems for handling transactions while upholding privacy, security, and fraud prevention standards

**EDUCATION**

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**SAN JOSE STATE UNIVERSITY****August 2023 – Expected 2026**

B.S. in Engineering Technology: Computer System Network Management

GPA: 3.67

**Related Courses**

- Introduction to Networks (Cloud/Network Computing, PuTTY, NetAcad, Wireshark)
- Data Structures and Algorithms, Linear Algebra
- Introduction to Engineering (C++)
- Communications, Workshop in Critical Thinking (Public speaking, verbal/written skills)

**TECHNICAL SKILL**

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<b>Languages:</b>	Python, Java, C++, HTML
<b>Developer Tools:</b>	PuTTY, Wireshark, Cisco Packet Tracer, Git, VScode
<b>Others:</b>	Teamwork, Problem solving, Verbal/Written Communication

**HONORS AND ORGANIZATIONS**

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<b>Dean's Scholar:</b>	Fall 2022 - Spring 2024
<b>Clubs:</b>	Official Software and Computer Engineering Society, Epsilon Pi Tau Honor Society
<b>Awards:</b>	SJCC Technest Certificate of Completion