

## EDUCATION

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**California Polytechnic State University, San Luis Obispo** June 2024  
Bachelor of Science: Business Administration | Information Systems | Industrial Technology Minor GPA 3.87

**Certifications:** Google Cybersecurity Professional Certificate, Security +, Studying for Network +

### Related Courses

- Data Communications and Networking
- Infrastructure and Security Management
- Systems Analysis and Design
- Database Systems in Business

## EXPERIENCE

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**BUS 392 - Business Application Development** **CPSU**  
***Dataset Partner Project*** May 2023 - June 2023

- Developed Python code to process and analyze structured data, ensuring readability, maintainability, and scalability.
- Developed an understanding with working with structured data using Python, utilizing libraries such as Pandas and NumPy to manipulate, analyze, and visualize datasets.
- Implemented data cleaning and preprocessing techniques on structured data to ensure data integrity and accuracy.

**BUS 499 - Data Communications and Networking** **CPSU**  
***Network Experience*** September 2023 - December 2023

- Gained Experience in network standards, VLANs, and wireless LAN security.
- Conducted hands-on labs in VLAN and wireless LAN configurations for enhanced security.
- Implemented security measures in network configurations and performed traffic analysis for vulnerability assessments.

**BUS 399 - Infrastructure and Security Management** **CPSU**  
***Lab Security Project*** January 2024 - March 2024

- Explored the Seven Domains of a Typical IT Infrastructure, gaining comprehensive knowledge of IT infrastructure components.
- Conducted vulnerability assessments, identifying and analyzing potential security weaknesses.
- Performed packet capture and traffic analysis using tools like Wireshark to monitor and analyze network traffic.
- Applied user authentication and access controls to enhance system security.

**BUS 394 - System Analysis and Design** **CPSU**  
***Systems Analysis and Design Project*** January 2024 - March 2024

- Designed and analyzed a new information system for a local organization, enhancing process efficiency and solving critical business problems.
- Crafted detailed use case narratives, clarifying system functionalities and user interactions.
- Developed comprehensive Data Flow Diagrams to visualize data processing and system architecture.
- Designed user interfaces, enhancing user experience and system accessibility.

## SKILLS

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- Bilingual (English and Spanish)
- Technology: Excel, Powerpoint, Teams, Python, SQL, Linux, Troubleshooting
- Cybersecurity Skills: Vulnerability Assessment, Packet Capture and Traffic Analysis, User Auth & Access Controls, Security Monitoring and Logging, Network Security

