Sam Bock

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EDUCATION

California Polytechnic State University, San Luis Obispo — San Luis Obispo, GA
Bachelor of Science in Computer Science; GPA: 3.76 — *Sept. 2021 – June. 2025*

Relevant Coursework: Project-Based Object Oriented Programming and Design, Discrete Structures, Intro to Software Engineering, Systems Programming, Intro to Computer Organization, Data Structures, Design and Analysis of Algorithms, Intro to Database Systems

EXPERIENCE

Lockheed Martin Space — Sunnyvale, CA
Artificial Intelligence and Machine Learning Research Intern — *June 2023 - Present*

- **Convolutional Neural Networks** : Utilized convolutional neural networks and employed various model training strategies, including data augmentation techniques, to enhance the performance of object recognition, detection, and tracking tasks.
- **Technologies Used**: Python, JupyterNotebook, TensorFlow, Keras, Scikit-Learn, OpenCV

HaptX Inc. — San Luis Obispo, CA
IT Engineering Intern — *Mar 2023 - June 2023*

- **Conditional Access Policy Creation**: Implemented advanced Microsoft Azure Conditional Access policies to enforce granular security controls based on user location, IP address, reputation score, and other risk indicators.
- **Hardware Management and Workspace Optimization**: Repaired, upgraded, and tested company computers and hardware. Assisted in setting up and organizing desks, managing cables, and configuring workspaces.
- **Technologies Used**: Microsoft Azure, Microsoft Intune, Microsoft Loop

Cal Poly Information Technology Services — San Luis Obispo, CA
Junior Security Operations Center Analyst — *June 2022 - Feb 2023*

- **Security Incident Response**: Analyze and take action against suspicious logins, phishing emails, and network traffic using Splunk, Microsoft Azure, and other security tools.
- **Slack App Development**: Developed a Python-based Slack app to automate email, suppression, and blocking procedures.

PROJECTS

- **Plan2Gather**: Developed web app that allows users to create events and analyzes best times to meet based on attendees.

PROGRAMMING SKILLS

- **Languages**: Python, SQL, Java, C++, C

Technologies: TensorFlow, Keras, Scikit-Learn, Linux, MacOS, Windows, Microsoft Azure, Amazon AWS, CloudFlare, Agile, Jira, GitHub, Splunk