

Sam Bock

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EDUCATION

- **California Polytechnic State University, San Luis Obispo** San Luis Obispo, CA
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*
 - **Azure Conditional Access:** Implemented advanced Azure Conditional Access policies to enforce granular security controls based on user location, IP address, reputation score, and other risk indicators.
 - **Technologies Used:** Microsoft Azure, Microsoft Intune
- **Cal Poly Information Technology Services** San Luis Obispo, CA
Junior Security Operations Center Analyst *June 2022 - Feb 2023*
 - **Slack Bot:** Service for sending email, push and in-app notifications. Involved in features such as delivery time optimization, tracking, queuing and A/B testing. Built an internal app to run batch campaigns for marketing etc.

PROJECTS

- **Plan2Gather:** Developed web app that allows users to create events and analyzes best times to meet based on attendees.
- **Shibboleth Login Alerts Automation:** Developed a Python-based Slack app to automate email, suppression, and blocking procedures for Cal Poly Security Operations Center. More information [here](#).

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