Sam Bock

sam@sambock.dev | 909-609-9291 | sambock.dev | linkedin.com/in/smbock42 | github.com/smbock42

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.
- **Custom PC Builder and Trader**: Maintained PostgreSQL database of computer parts and integrated with Python fastAPI backend to allow for selling and purchasing of parts.

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