Kenton Rhoden

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EDUCATION

California Polytechnic State University, San Luis Obispo   **Sept. 2023 - June 2027**

Bachelors of Science Degree in Computer Science

- President's Honors list 2023 - 2025
- GPA: 3.93

- Clovis North High School, graduated June 2023
- GPA: 4.3

EXPERIENCE

Summer Undergraduate Research Program Assistant   **June 2024 - Aug. 2024**

- Worked on resume generation and optimization for ATS systems
- Processed data from MongoDB database
- Assisted in writing scripts using MongoDB API
- Collaborated with peers to create workflow and brainstorm ideas

PROJECTS

Potion Shop   **Apr. 2025 - May 2025**

- Developed and deployed potion shop API integrated with a relational database
- Used Python with PostgreSQL
- Ensured ACID compliance
- Created data-driven shop strategy for maximizing sales

Lost and Found App   **Jan. 2025 - March 2025**

- Created a web-app for returning and reporting lost items at Cal Poly
- Collaborated with a team following the Scrum project management framework
- Used Typescript with Prisma/PostgreSQL
- Created backend API and connected database to frontend

Senior Citizen Jigsaw Puzzle Game   **June 2024 - Aug. 2024**

- Used Godot to code a jigsaw puzzle game
- Worked with Firebase to save user data
- Collaborated with peers to fix issues, delegate tasks, and brainstorm ideas

Banking Data Encryption/Decryption   **Dec. 2023**

- Created program to decrypt files of data, validate its structure, construct a security audit, and re-encrypt the data with a new encryption key

SKILLS

- **Skills:** reverse engineering, programming, Unix, backend development, encryption/decryption, databases
- **Languages:** Python, Bash, Assembly (RISC-V), Java, JavaScript/TypeScript, C, CSS, SQL
- **Software tools:** Git, Wireshark, Ghidra, Firebase, MongoDB, Pwntools, Prisma, PostgreSQL

INVOLVEMENT

- Cal Poly Security Education club (CPSEC)
- Cal Poly PicoCTF club