

# Ryan Schmitt

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## EDUCATION

**California Polytechnic State University** — San Luis Obispo, CA

Bachelor of Science in Computer Science

Expected Graduation: June 2026

- Major GPA: 3.87 | Overall GPA: 3.44
- **Honors:** Dean's List Winter 2023, Spring 2024, Fall 2024, Winter 2025
- **Relevant Coursework:** Cloud Computing, Algorithms (Python), Object-Oriented Programming (Java), Data Structures (Python), Intro to Computer Organization (RISC-V/C), and Discrete Structures

**Chaminade High School**

*High School Diploma*

**Mineola, NY**

*June 2022*

## EXPERIENCE

*Iconectiv*

**Product Management Intern**

*June 2024-Present*

- Designed and implemented an AI-powered solution to efficiently resolve customer support issues.
- Revised and expanded technical documentation to improve clarity and usability for the current system.
- Developed an automated Excel-based tool to streamline and accelerate the phone number porting process.

*Digital Democracy*

**Software Engineer Intern**

*January 2024-June 2024*

- Developed an AI-driven voice recognition system to identify legislators based on their speech patterns.
- Enhanced a web scraping system in Python to improve data collection efficiency and accuracy.
- Optimized a web application using Java, improving performance and usability.

**Digital Transformation AI Hackathon** — San Luis Obispo, CA

**Cybersecurity Team Lead**

*April 2024*

- Led a team to develop an **AI-powered document search tool**, winning first place.
- Utilized **AWS S3**, **Amazon Bedrock**, and **OpenSearch** for fast and accurate database queries.
- Conducted vulnerability analysis to mitigate risks like SQL injection and side-channel attacks.
- Presented the solution to a panel of judges, highlighting the technical architecture, cybersecurity features, and the system's potential to streamline public service workflows.

## Projects

**What's the Move | Technologies: React, Bootstrap, Firebase, Cloudinary**

<https://whatsthemove1.github.io/WhatsTheMove/>

- Created a mobile nightlife platform empowers college partygoers by eliminating confusion and indecisiveness, providing real-time reliable information on the best events, venues, and experiences.
- Allowed user to upload images for posts and save them in cloudinary

## Leadership & Activities

**CP Security Club**

**San Luis Obispo, CA**

**Social Chair**

*2023-2024*

- Competed in Capture The Flag (CTF) challenges, focusing on binary exploitation, reverse engineering, and network vulnerabilities.
- Explored **cloud security best practices** and emerging threats at industry conferences like **BSides**.
- Organized workshops on cybersecurity topics, including DDoS mitigation and secure application development.

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, JavaScript, TypeScript, SQL
- **Technologies:** React, AWS, Firebase, GitHub, Jenkins, CI/CD Pipelines
- **Concepts:** Cloud Development, Big Data, Cybersecurity, UI Frameworks (React), Agile Sprints