Ryan Schmitt

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EDUCATION

California Polytechnic State University — **San Luis Obispo, CA**
Bachelor of Science in *Computer Science* — ***June 2026***
- Major GPA: 3.81
- GPA: 3.34
- Honors: Dean's List Winter Quarter 2023 and Spring 2024
- Relevant Coursework: Design & Analysis of Algorithm (Python), Intro to Computer Organization (RISC-V assembly/C), Project-Based Object Oriented Programming (Java), Data Structures (Python), Fundamentals of Computer Science (Python), Introduction to Computing: Community Action Computing (Typescript/HTML/CSS) and Discrete Structures

Chaminade High School — **Mineola, NY**
High School Diploma — ***June 2022***

EXPERIENCE

Career Readiness Program — ***Remote***
Software Engineer Intern — ***June-August 2024***
- Built mobile app for non-profit that empower students with career experience, bridging gap between education and the work industry
- Used React-Native, Firebase database, and authentication

Kalvi Prep — ***Remote***
Software Engineer Intern — ***June-August 2021***
- Worked with a diverse team using agile to create a new website for Kalvi Prep to make online tutoring more effective using HTML, Typescript, React, Figma, Git, and GitHub

The Massapequa Tutor — **Remote**
Software Engineer Intern — ***June-August 2020***
- Created a marketplace that connects tutors and students using HTML, Typescript, React, Figma, CSS, Git, and GitHub
- Improved site's responsiveness

Digital Transformation AI Hackathon — **San Luis Obispo, CA**
Cybersecurity Team Lead — ***April 2024***
- Won first place by designing and building an AI tool to quickly search through a database of public records to help city clerks comply with document requests
- Used AWS S3 buckets to import the data then using Amazon's bedrock vectorized the data, and then finally created a vector database using OpenSearch to find the documents quickly
- Carefully analysis the website for possible vulnerabilities such as SQL injections and side-channel attacks

CP Security Club — **San Luis Obispo, CA**
Social Chair — ***2023-2024***
- Competed in Capture The Flag competitions using a Linux virtual machine and Docker
- Listened to lectures from cyber security practitioners and researchers talk about common attack such as DDoS attacks and binary exploitation
- Attended the BSides conference where I learned about the current innovations such as cloud computing and AI

Google Developer Student Club — **San Luis Obispo, CA**
Active Member — ***2023-2024***
- Listened to developers talk about advancements in AI
- Attended workshops to learn about how to build AI models on Kaggle

Mile High Matches | Dart
- A dating app for airports using Flutter for the user interface and Firebase for database and authentication

ADDITIONAL INFORMATION
- Skills: Python, Javascript, Typescript, SQL, Java, Excel, HTML, CSS