

# Vincent Le

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## EDUCATION

### California Polytechnic State University: San Luis Obispo

San Luis Obispo, CA

Bachelor of Science in Computer Engineering

Expected 2029

- Recipient of Robert T. Nahas Scholarship (2025), PG&E Better Together STEM Scholarship (2025)
- Introduction to Computing, Fundamentals of Computer Science, Digital Design, Data Structures

## WORK EXPERIENCE

### Level Up MSP (Managed Service Provider)

San Jose, CA

Information Technology Engineering Intern

June 2024 - August 2025

- Deployed routers, switches, and Linux-based NAS servers to optimize SMB network performance
- Automated Azure backup monitoring scripts in Python, ensuring 100% data recovery for 10+ businesses
- Diagnosed Windows kernel and BSOD issues through root-cause analysis, improving client system uptime

### PilotCity

San Leandro, CA

Program Development Intern

May 2024 - October 2024

- Developed and published a Python file cleaner on GitHub, improving PC storage efficiency by 30%
- Pitched project prototypes to industry partners, earning a fellowship with Tssui Design & Research
- Modeled sustainable, wave-resistant architecture in Rhino 3D for coastal climate resilience research

### City of Fremont (Aqua Adventure)

Fremont, CA

Swim Lesson Lead

May 2022 - August 2025

- Led 15+ instructors to deliver inclusive swim lessons for 200+ clients and students per summer season
- Designed lesson plans for students with diverse needs, including individuals with disabilities
- Improved client retention by tailoring personal communications and services to families and guests

## LEADERSHIP

### TechExchange

Oakland, CA

Volunteer Lead

November 2024 - April 2025

- Refurbished and reimaged 50+ Windows OS systems to extend device lifespans for low-income families
- Taught digital literacy and safe computing practices, bridging the digital divide in Bay Area communities

### Irvington Hardware & Technology Club

Fremont, CA

Founder/President

October 2023 - May 2025

- Founded a student-run tech organization focused on hardware, AI, and embedded systems
- Created workshops covering GPU fundamentals, C++, Linux, and emerging AI frameworks like DeepSeek
- Organized e-waste drives, recycling 500+ lbs of electronics, and hosted PC building competitions

### Irvington High School Wrestling

Fremont, CA

Varsity Captain Wrestling

October 2021 - May 2025

- Mentored and coached underclassmen and managed team resources to achieve state-level competitions

## PROJECTS

### Cyberpunk Mantis Blades - Arduino, Autodesk Fusion, Embedded Systems

October 2024 - May 2025

- Designed a servo-actuated prosthetic controlled by wrist movement using Arduino microcontrollers
- Integrated sensor-driven motion control and displayed the project at the Bay Area Maker Faire 2025

### Augmented Reality Sand Table - Unity, Kinect, Linux

February 2025 - May 2025

- Built a real-time topographic simulation projecting terrain deformation using motion-sensing input
- Applied 3D graphics, real-time computing, and system integration principles as Project Lead

### CAD Organic Architecture "Trimtab" - Rhino 3D, Revit

August 2024 - October 2024

- Modeled sustainable tower designs optimizing material efficiency and environmental integration

### File Cleaner Utility - Python, Git, HTML, SQL

May 2024 - August 2024

- Developed a Python application with SQL integration to automate file cleanup and repair operations
- Demonstrated proficiency in software design, user interface scripting, and data handling for applications

## SKILLS AND INTERESTS

Python, C++, Typescript, SQL, MATLAB, Perl, PCB Design, Git, Node.js, Azure, Arduino, AI & ML, Robotics  
E-waste Recycling, Console Modding (Nintendo), Lion Dancing, Cooking, Wrestling, Fitness, Running