

Tommy Pho

1617 Santa Rosa St • San Luis Obispo, CA 93401 • ttpho@calpoly.edu • (562) 850-2931

Education

California Polytechnic State University	San Luis Obispo, CA
B.S. in Computer Science. GPA: 3.72 (Dean’s List)	June 2025
Thesis: Machine Learning-Driven VR Haptic Glove for Real-Time Tactile Simulation	
Relevant Coursework: Data Structures, Algorithms, Operating Systems, Machine Learning, Databases	
California Academy of Mathematics and Science	Carson, CA
SAT: 1480 GPA: 4.2 (Weighted) AP Scholar with Distinction	June 2021

Experience

NebulaSoft Technologies	Remote
Software Engineering Intern	June 2024 – August 2024
<ul style="list-style-type: none">Developed a web-based dashboard to visualize IoT sensor data, reducing load times by 40%Integrated RESTful APIs and improved backend caching using RedisCollaborated in Agile sprints with product managers and UX designers	
Cryoa	San Jose, CA
Backend Development Intern	June 2023 – August 2023
<ul style="list-style-type: none">Built microservices in Python and Node.js for scalable user authenticationWrote unit and integration tests (90%+ code coverage) using Jest and PyTestMigrated legacy database from MySQL to PostgreSQL with zero downtime	

Leadership & Activities

Thai and Vietnamese Student Association (TVSA)	San Luis Obispo, CA
Sports Coordinator	September 2022 – April 2023
<ul style="list-style-type: none">Organized intramural sports events and coordinated practices for over 60+ club membersDesigned marketing materials to promote cultural-sporting events, increasing engagement by 30%Facilitated community-building through inter-collegiate VSA tournaments	

Projects

E-Commerce Database Optimization	San Luis Obispo, CA
PostgreSQL, Python, SQLAlchemy	October 2024 – April 2025
<ul style="list-style-type: none">Redesigned schema for a mock e-commerce platform, reducing query latency by 60% through indexing and normalizationAutomated report generation using Python scripts, streamlining monthly sales analytics	

Skills & Interests

<ul style="list-style-type: none">Technical:<ul style="list-style-type: none">Languages: Python, JavaScript, TypeScript, Java, C++, SQL, HTML/CSS, BashFrameworks/Tools: React, Node.js, Express, Flask, Git, Docker, PostgreSQL, MongoDBLanguage: Vietnamese (Fluent), Spanish (Conversational)Interests: Intramural soccer, vector illustration, startup pitching competitions, tech-for-social-good	
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