

Victor Phan

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Education

California Polytechnic State University, San Luis Obispo, CA

Graduation Year: 2025

B.S. Software Engineering, Minor in Exercise and Sport Studies

Coursework: Data Structures, Project-based Object Oriented Programming, Introduction to Computer Organization, Systems Programming, Discrete Structures, Design & Analysis of Algorithms, Cryptography Engineering, Intro to Database Systems, Programming Languages, Software Engineering I & II, Distributed Computing, User-Centered Interface Design, Dynamic Web Development, Indiv Software Design/Development

Technical Skills

Programming Languages: Java/Scala, HTML/CSS, Javascript/Typescript, Racket/Typed Racket, Python, SQL, Kotlin, C

Frameworks: React.js, Angular, Node.js, Bootstrap, Express

Others: Linux, MongoDB, Microsoft Azure, Nodemon, Microsoft Excel/Google Sheets, Figma, LaTeX

Experience

Software Developer Internship - Hexfork

May 2023 - July 2023

- Spearheaded the development of a robust full-stack application for a rapidly expanding software development and gaming firm in Europe. Collaborated seamlessly with various business firms and sponsorship assets, extending beyond traditional software development teams to ensure comprehensive project success.
- Implemented and accelerated blockchain development using Bubble-Map APIs and key languages such as *HTML*, *CSS*, and *Typescript*, applying *Bootstrap* for enhanced aesthetics and efficiently displaying data sourced from *JSON*.

Open Path - SLO Hacks 2023

May 2023 - Present

- Implemented *Google Maps* and *Amadeus Safe Space* APIs to provide diverse and inclusive location suggestions, fostering safe spaces for individuals from various ethnic backgrounds.
- Designed and developed a user-friendly website platform using the *ReactJS* framework, ensuring a minimalistic yet comprehensive interface for users to effortlessly navigate their surroundings.

DeSend - SLO Hacks 2022

March 2022 - April 2023

- Integrated DeSo coin cryptocurrency as a secure and versatile payment method within the Virtual Reality Oculus platform, establishing connectivity with a customized marketplace for crafting personalized shoes. Spearheaded the development of a straightforward Angular project using *HTML*, *CSS*, and *Typescript*, providing a concise overview of statistics and visuals.

Twitch Chat Sentiment Analyzer - HackSC 2022

Feb 2022 - March 2022

- Applied predominant *HTML/CSS/Javascript*, *Python*, *Flask*, *Socket.io*, and *Bootstrap* tools to produce a Google extension that collects prominent broadcasted data from live stream Twitch chats
- Synchronously determine the positivity rate of comment sections based on the user's opened current tab that intakes the streamer's username and the messages from the comment section

Extracurriculars

Vice President for Thai Vietnamese Student Association (TVSA)

March 2023 - Present

- Collaborate with seasoned executive board members to strategize logistics and coordinate a variety of events, activities, and banquets, catering to a dynamic community of over 150 members.
- Foster continuous engagement with diverse cultural organizations, spearheading collaborative efforts to organize large-scale school-wide festivals and events, impacting over 1,000 students and San Luis Obispo residents.
- Demonstrate adaptability and resourcefulness by responding promptly and cost-effectively to unforeseen challenges, ensuring seamless operations even in situations involving team unavailability.

Membership Services Assistant - Associated Students Inc.

May 2023 - Present

- Provide local service for campus operations including Cal Poly Athletics, family community programs
- Maintain facility memberships for a college-campus community that consists of at least 20,000 people
- Accommodate new incoming and returning students, staff/faculty, alumni, and projected students to learn more about the campus's newly built recreation center and encourage an inclusive and diverse space