LEO GHANEM

2456 McCready Ave, Los Angeles, CA
90039 | (213) 590-5897 | lghanem@usc.edu | https://www.linkedin.com/in/leo-ghanem-8992012b9/

SKILLS

Programming Languages: Proficient in Python, Typescript and Go
Languages: English, French, and basic Spanish
Fullstack Web Development

PROFESSIONAL EXPERIENCE

Elytra Robotics   Los Angeles, CA 90089
Fullstack Engineering Intern   February 2025-May 2025
- Developed fullstack web applications enabling customers to construct interactive property maps and manage rover deployments, and constructed reusable packages imported across Elytra's two web apps
- Wrote programming style specifications to ensure all apps used the same dependencies allowing programmers to collaborate on a variety of projects and packages

AlteraSMS   Los Angeles, CA 90039
Fullstack Developer   January 2022-Present
- Develop and maintain a gRPC backend, with one service for each database model, to be imported in other apps to connect data and make requests
- Design a customer dashboard allowing customers to pay invoices, query gRPC endpoints and view data for hundreds of users in organized data tables
- Create a Discord bot so customers with linked Discord accounts can access the platform from the Discord support server

The Stronghold Climbing Gym   Lincoln Heights, CA 90031
Rock Climbing Coach   June 2022-August 2024
- Coached rock climbing camp for children ages 5 through 14. Taught advanced techniques, ran team building exercises and group stretching activities
- Set up advanced rope systems to build a "swing" in the ropes section of the gym by tying advanced knots and leveraging safety equipment to build two or more safe rope courses per week

Lycée International of Los Angeles   Los Angeles, CA, 91506
Student Council Treasurer   March 2023-March 2024
- Reconfigured and optimised Treasury system, ran monthly meetings to go over fundraising plans and expenses for upcoming events, and communicated with school CFO to switch payment processors
- Handled volunteers for events, making sure everyone had a task to do, and handling approval of volunteer hours for IB CAS students alongside other ASB members

Rose Hullman Institute of Technology   Terre Haute, IN 47803
Summer Camp Student   June 2022
- Awarded first place prize at Operation Catapult Summer Camp; awarded by Rose-Hullman institute of technology professors
- Collaborated in a team to create a 2D multiplayer maze game using Python, where players race each other to find a treasure hidden within a labyrinth

EDUCATION

University of Southern California   Los Angeles, CA 90089
Bachelor of Science   June 2028
- Computer Engineering and Computer Science

Lycee Internationale of Los Angeles   Burbank, CA 91506
High School Diploma   August 2016-June 2024
- Diplôme national du brevet, Mention Tres Bien

MEMBERSHIPS

ASB Treasurer
Lycee Internationale of Los Angeles
Rock Climbing Coach at The Stronghold Climbing Gym