Giovanni Zaarour

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EDUCATION

University of Southern California   Jan. 2021 – May 2024
B.S. in Computer Science and Business Administration   Los Angeles, CA

- **GPA**: 3.4
- **Relevant Coursework**: C++, Java, Oracle/SQL, Data Structures and Object Oriented Design, Discrete Mathematics for Computer Science, Microeconomics, Macroeconomics, Organizational Behavior and Leadership

EXPERIENCE

Moonlight Meta   Apr. 2022 – Jul. 2022
Lead Blockchain Engineer   Los Angeles, CA

- Moonlight is an NFT crowdfunding and fractional co-ownership protocol on Ethereum. A USC-based web3 startup
- Member of founding team, author of the Moonlight whitepaper, and single-handedly implemented the core smart contract protocol
- Includes features such as DAO governance, a fork of Uniswap's AMM model, vault fractionalization, and more

City of Glendale, CA   Dec. 2020 – Mar. 2021
Web & Mobile App Developer - Glendale Audit Department   Glendale, CA

- Worked on an interactive application that allows city auditors to edit audit entries and generate quarterly reports.

Project Intern - Central Library IT Services Team   Mar. 2019 – Nov. 2020

- Monthly data report tool for all library branches. Accesses the SQL database and generates an HTML data report with Python
- Patron registration tool that generates a new library card number and patron profile (Library ILS Database via Sierra REST API).

PROJECTS

C++ AVL Tree

- Coded an AVL tree implementation from scratch in C++ using OOP, templating, pointers, memory allocation, and recursion.

Portfolio Website

- My personal website and project portfolio made with ReactJS
- Visit the site at giozaarour.me to see my entire portfolio of projects

ORGANIZATIONS

Blockchain at USC   Aug. 2021 – Present
Director of Technology & Education

- I help host weekly education discussions for Blockchain@USC members, run blockchain hackathons, manage and support student-led blockchain research teams (producing high level articles), manage the club's DAO governance and treasury, and conduct professional speaker events at USC with industry leaders.
- Blockchain@USC is receiving six figures in annual funding from EduDAO, a subsidiary of BitDAO. I take part in the decision making process of using our funding for grants to student-led blockchain startups, research costs, and investment proposals

Product@SC   Jan. 2022 – Present

- Taking part in an eight week curriculum that teaches the Product Management workflow, participating in multiple PM case studies and pitch competitions, and working with PM mentors.

BusinessSC   Jan. 2021 – Present
Co-Founder & Chairman

- Business Club is an student-led networking organization. The club network has chapters at over five universities, including USC.
- Organizer of intercollegiate networking events and seminars with relevant founders and leaders in various business industries.

SKILLS

Programming Languages : C++, Java, Solidity, JavaScript (NodeJS & ReactJS), Python, HTML/CSS

Technologies : Linux & Windows OS, SQL (PostgreSQL, MySQL), MongoDB, Git

Blockchain : Truffle, Ganache, Ethers.js, Chainlink Oracle, Etherscan

Languages : English (Native), Arabic (Native), Spanish (Working Proficiency)