

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:** Software Development, Data Structures and Object Oriented Design, Programming in C++, Discrete Mathematics for Computer Science, Microeconomics, Macroeconomics, Statistics and Data Science

EXPERIENCE

Moonlight Meta

Apr. 2022 – Jul. 2022

Blockchain Engineer

Los Angeles, CA

- Coded the core smart contract protocol and authored the Moonlight whitepaper
- Served as Technical Co-Founder of the USC-based web3 startup

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

- Executed multiple projects including a data report tool for all library branches and an online patron registration page.

PROJECTS

C++ AVL Tree

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

Glendale Library Patron Registration Page

- Implemented the [registration page](#) that generates a new library card number and patron profile (Library SQL ILS Database via Sierra REST API).

Moonlight NFT Protocol

- Implemented an [NFT crowdfunding and co-ownership protocol](#) on the Ethereum blockchain, including features such as DAO governance, a fork of Uniswap's AMM model, vault fractionalization, and more

Portfolio Website

- Built my own [personal website \(giozaarour.com\)](#) in ReactJS, including a full project portfolio.

LEADERSHIP & INVOLVEMENT

Blockchain at USC

Aug. 2021 – Present

Director of Technology

- Help host weekly education discussions, blockchain hackathons, manage student-led blockchain research teams, and conduct professional speaker events at USC with industry leaders – including the inaugural Southern California Blockchain Conference
- Programmed smart contracts for the club DAO, which manages our treasury (funded by [EduDAO](#)). Funding supports grants to student-led blockchain startups, research costs, and investment proposals

Product@SC

Jan. 2022 – Present

- Took 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.

SKILLS

Programming Languages : C++, Java, Solidity, JavaScript, Python, R, HTML/CSS

Front-End : ReactJS, HTML, CSS, NPM, Yarn

Back-End : NodeJS, SQL (MySQL, PostgreSQL), MongoDB

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