



Profile

I am a highly self-motivated and hard-working individual who also enjoys teamwork and collaboration. I am a software engineer and well-versed in fullstack development of multiple Web2, Web3, and mobile programming languages. I specialize in blockchain engineering. I love learning and continuously strive to improve my engineering skills by practicing the newest and best development strategies and design patterns. Coding is my passion and I feel truly lucky to be able to do what I love every day.

Experience

Popcorn Network

2022 – Present

Blockchain and Web3 Software Engineer

- Full stack software engineering
- Wrote smart contracts for decentralized finance and governance
- Led team in latest smart contract system deployment
- Audited smart contracts and participated in comprehensive code reviews
- Wrote robust smart contract tests and unit, integration, and staging tests for full stack code
- Engineered and developed fintech products
- Designed integration of Web 3 front end
- Participated in decentralized finance research and development

THE rAve Agency, Chapel Hill, NC

2021 – 2022

THE rAve Agency is the #1 information and marketing source for the AV Industry.

As a developer, I assisted with all projects regarding web development, app development, and software engineering. I was the agency's lead XR developer.

- Wrote website code edits and implemented UX/UI improvements
- Engineered augmented reality filters for social media
- Engineered augmented reality games, shopping, and promotional experiences
- Engineered virtual reality experiences and games
- Assisted in mobile app development

Orange County Sustainability, Hillsborough, NC

Spring 2020

- Edited website HTML and CSS,
- Improved backend JavaScript code
- Created web graphics

Education

Columbia Engineering, Columbia University in the City of New York

- Professional Certificate in Computer Coding – Full Stack Development

The University of North Carolina at Chapel Hill

- Bachelor of Arts degree in Environmental Studies – Sustainability Concentration
- Minor in Advertising and Public Relations from the Hussman School of Journalism and Media
- Master of Arts in Media and Communication – Strategic Communications Track – Metaverse Technology Concentration
- GPA: 3.96, MA Highest Honors

Skills

- Full-stack development, blockchain software engineering, mobile application development, augmented reality, virtual reality, game development, and programming.
- Proficient in JavaScript, TypeScript, Python, Ruby, Solidity, Git, the MERN Stack, SQL, PostgreSQL, MySQL, GraphQL, Mongo DB, CSS, HTML, C#, and Swift
- Highly experienced in Solidity, Typescript, Python, and JavaScript for financial technology development and smart contract programming
- Web3 development using Solidity, Foundry, Hardhat, Truffle Suite, ethers.js, web3.js, and Moralis.io
- Heavily experienced and trained in SparkAR, Lens Studio, Unity, Unreal, Zapworks, Blender, Adobe Creative Suite, WordPress, Canva, UX and UI design
- Experienced using Microsoft Windows, G Suite, iOS and macOS operating systems