



## Profile

I am a highly self-motivated and hard-working individual who also enjoys teamwork and collaboration. I am a blockchain software engineer and well-versed in the full stack of multiple Web2, Web3, and mobile programming languages. I specialize in blockchain engineering and Web3 development for EVM-compatible chains using Solidity, Foundry, and Hardhat. 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

- Smart contract programming
- Smart contract and protocol security auditing
- Robust smart contract testing
- Web3 development and front-end integrations
- 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.

- Augmented reality filters for social media
- Augmented reality games, shopping, and promotional experiences
- Virtual reality experiences and games
- App development
- Website code edits and UX/UI improvements

### Orange County Sustainability, Hillsborough, NC

Spring 2020

- Edited website HTML, CSS, and graphics
- Created campaign materials to market sustainability programs and initiatives

### Diamond Brand Gear, Asheville, NC

Fall 2019

- Consultant providing sustainability marketing and communications plan for outdoor gear company
- Developed a social media guide to advance sustainability communications objectives
- Wrote website copy, edited site UX and UI, and improved graphics

## Education

### Columbia Engineering, Columbia University in the City of New York

2021 – Present

- Professional Certificate in Computer Coding – Full Stack Development

### The University of North Carolina at Chapel Hill

Fall 2018 – Present

- 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

### Sidwell Friends School, Washington, D.C.

2012 – 2016

- Advancement Placement: Environmental Science – 5, English – 5, Latin – 4
- Awarded high school diploma June 2016.

## Skills

- Full-stack development, blockchain software engineering, mobile application development, augmented reality, virtual reality, game development, and programming.
- Web3 development using Solidity, Foundry, Hardhat, Truffle Suite, ethers.js, web3.js, and Moralis.io
- Highly experienced in Solidity, Typescript, and JavaScript for Web3 development and Smart Contract programming
- Proficient in Solidity, JavaScript, TypeScript, Ruby, Java, Git, the MERN Stack, SQL, GraphQL, Mongo DB, CSS, HTML, C#, AWS, PHP, and Swift
- 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