KATE JOHNSON

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Profile

I am a highly self-motivated and hard-working individual who also enjoys teamwork and collaboration. I am an extended reality (XR) developer and well-versed in the full stack of multiple web and mobile programming languages. I have a solid Web2 foundation but specialize in Web3 blockchain development for the Ethereum ecosystem. Coding is my passion and I feel truly lucky to be able to do what I love every day.

Experience

THE rAVe Agency, Chapel Hill, NC   2021 — Present

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

As a developer, I assist with all projects regarding web development, app development, and software engineering. I am 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

Defenders of Wildlife, Washington, D.C   Summer 2019

- Internship with the communications team
- Wrote published press releases, magazine articles, and blog posts on endangered species and conservation
- Curated weekly newsletter highlighting the organization to staff and donors
- Generated coverage reports, tracked key performance indicators, and organized reporter lists

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

- Web3 development for EVM compatible chains using Solidity, Hardhat, Truffle Suite, ethers.js, web3.js, and Moralis.io
- Experienced in Solidity and JavaScript for Web3 development and Smart Contract programming
- Full stack web development, mobile application development, augmented reality, virtual reality, game development, and programming
- Proficient in JavaScript, TypeScript, Java, the MERN Stack, SQL, GraphQl, Mongo DB, CSS, HTML, C#, AWS, PHP, Swift, Ruby, Git
- Heavily experienced and trained in SparkAR, Lens Studio, Unity, Unreal, Zapworks, Blender, Adobe Creative Suite, WordPress, Canva, UX and UI design
- Skilled in using all features of Instagram, Facebook, Twitter, Snapchat, Reddit, LinkedIn, YouTube, and TikTok
- Experienced using Microsoft Windows, G Suite, iOS and macOS operating systems