Kelvin Zhang

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EXPERIENCE

Portfolio Website   Athens, GA
Next.JS, Typescript, Tailwind CSS, Framer Motion   March 2025
- Built a personal portfolio website using Next.js and Aceturnity UI to showcase projects and enhance frontend development skills
- Deployed the website on Vercel for seamless hosting and performance

MapReduce   Athens, GA
Python, Google Cloud Platform, Hadoop   April 2024
- Utilized Hadoop and Google File System (GFS) to process a large dataset of spot instances, identifying the top three with the highest price variability
- Implemented a mapper to categorize and temporarily store data efficiently using GFS
- Developed a reducer to calculate average price variability and extract the top three most volatile instances

Discord Bot   Athens, GA
Python, AWS Lambda, Docker, Flask   January 2024
- Designed a custom Discord bot with interactive commands to retrieve and display League of Legends player and match data from Riot Games' APIs
- Integrated Riot's Summoner and Match APIs to extract relevant statistics
- Hosted the bot on an AWS Lambda Docker container using AWS CDK, with Flask handling HTTP requests

Cinema E-Booking Term Project   Athens, GA
JavaScript, Node.js, React.js, Java, SpringBoot, MySQL, PlanetScale   August - December 2023
- Collaborated in a team of five to develop a full-stack movie ticket-booking platform
- Built and managed the database, ensuring seamless integration between the backend and MySQL database
- Enabled users to browse, edit, add movies, purchase tickets, select seats, and manage accounts

UGAHacks 8 - TappedIn   Athens, GA
JavaScript, Node.js, React-native, MongoDB, ExpoGO, Axios   February 2023
- Best use of MongoDB Winner
- Developed TappedIn, a social networking mobile app for creating and joining local events
- Designed and optimized database interactions, ensuring smooth data flow between MongoDB and the application
- Enabled users to host and join events, fostering local community engagement

EDUCATION

University of Georgia, Franklin College of Arts & Sciences   Athens, GA
Bachelor of Science in Computer Science and Minor in Mathematics   Graduated December 2024
- Relevant Coursework: Software Development (CSCI 1302), Intro to Theory of Computing (CSCI 2670), Systems Programming (CSCI 1730), Intro to Higher Order Mathematics (MATH 3200), Graph Theory (CSCI 4690), Computer Architecture (CSCI 4720), Software Engineering (CSCI 4050), Algorithms (CSCI 4470), Computer Ethics (CSCI 3030), Cloud Computing (CSCI 4795), Computer Networks (CSCI 4760), Combinatorics (CSCI 4670), Probability (MATH 4600)

Kennesaw State University, College of Computing and Software Engineering   Kennesaw, GA
- Transferred to UGA

TECHNICAL SKILLS

Programming Languages: C, Java, JavaScript, C#, Python
Database: MongoDB, MySQL, PlanetScale
Frameworks and Libraries: React.js, Next.js, Tailwind CSS, Flask
Tools and Platforms: AWS, Docker, Git, Google Cloud, Hadoop, Figma