Kelvin Zhang

www.linkedin.com/in/kelvin-zh |
kz61847@uga.edu · (678) 431-5006

EXPERIENCE

Portfolio Website   Athens, GA
Next.JS, Typescript, Tailwind CSS, Framer Motion   March 2025-Current
- Developed a personal portfolio website using Next.js and Aceturnity UI, enhancing my frontend development skills
- Hosted on Vercel

MapReduce   Athens, GA
Python, Google Cloud Platform, Hadoop   April 2024
- Using Hadoop and Google's file system to sort through a large data set of spot instances to filter and find the top three with the most price variability
- Uses a mapper to sort through the data set and map all the same data together which is then stored temporarily because of the Google File System (GFS)
- Uses a reducer to find the average price variability between all the data that was sorted and gives us all of the different data with the top three being shown at the end

Discord Bot   Athens, GA
Python, AWS Lambda, Docker, Flask   January 2024
- My personal Discord bot was created with different custom-created commands. The main function of the bot is to interact with the Riot Games API, specifically League of Legends, to grab player data and recent match data to pull and display on Discord.
- Uses two APIs from Riot Games, Summoner and Match API where I pull data from one to use for the other to collect the right player match statistics.
- Hosted on AWS Lambda Docker Container using AWS CDK while using Flask to create an HTTP server.

Cinema E-Booking Term Project   Athens, GA
JavaScript, Node.js, React.js, Java, SpringBoot, MySQL, PlanetScale   August - December 2023
- A team of 5 working on a full stack project for software engineering.
- It is a website where you can browse/edit/add movies, purchase tickets, select your seats, and create/manage accounts.
- I was responsible for creating almost everything that involved the database and aided in connecting the backend to the database.

UGAHacks 8 - TappedIn   Athens, GA
JavaScript, Node.js, React-native, MongoDB, ExpoGO, Axios   February 2023
- Best Use of MongoDB Winner
- Collaborated with a team to develop a mobile application called TappedIn, a social networking app that allows users to host/join local events
- Aided in handling how the data is stored and connected with the MongoDB database that is received or being sent and connecting the frontend to the backend
- The result was a mobile app that you could create events that users can express interest in joining, fostering more of a community

EDUCATION

University of Georgia, Franklin College of Arts & Sciences   Athens, GA
Bachelor of Science in Computer Science and Minor in Mathematics   December 2024

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