Arhum Khan

678-643-2791 | arhumk340@gmail.com | linkedin.com/in/arhumk/

EDUCATION

Georgia Institute of Technology   Atlanta, GA
Bachelor of Science in Computer Science   *Expected – December 2023*
- GPA: 3.8/4.0
- Concentration: Intelligence and Human Computer Interaction
- Relevant Coursework/Skills: Java, HTML/CSS, Data Structures, Unity, Object Oriented Programming, Python, Design and Analysis of Algorithms, Introduction to Artificial Intelligence, Docker, Git

EXPERIENCE

Software Engineering Intern   June 2023 – August 2023
UnitedHealthcare Inc   *Atlanta, GA*
- Actively participate in agile development processes, attending daily stand-up meetings, providing valuable input during sprint planning, and contributing to the team's successful delivery of project milestones
- Developing APIs and a user interface (UI) within a collaborative team to facilitate the management and maintenance of system users using a variety of software tools
- Leveraging Java and Spring Boot to construct robust back-end APIs, ensuring seamless integration with the user database
- Employing Angular to design an intuitive and interactive front-end interface, enhancing user experience and facilitating efficient database interactions
- Implementing comprehensive quality engineering practices, including JUnit testing, Jenkins automation, and DBeaver database management, to ensure the reliability and functionality of the developed code.

Software Engineering Intern   August 2022 – May 2023
GetInLine Inc   *Atlanta, GA*
- Served as team lead, responsible for supervising the team's activities and delegating tasks through the Jira platform while maintaining an Agile environment
- Created a Figma design of website UI and system architecture specifications and assisted in the development of documentation for deployment
- Designed and developed functional and interactive components for the website including the main page using ReactJS and Bootstrap
- Actively participated in code reviews and provided constructive feedback to team members, promoting code quality and adherence to best practices
- Utilized Google Firebase as back-end database to store user and service information, to monitor analytics, and to retrieve related data to display to users on dashboard

Software Engineering Intern   May 2022 – August 2022
Delta Air Lines   *Atlanta, GA*
- Collaborated with team developers in Agile environment and utilized Angular with HTML/CSS to develop components on the Delta Vacations website
- Coordinated with cross-functional teams such as product management and UI/UX design to deliver effective solutions.
- Utilized Angular libraries and frameworks and restructured existing code to develop more modernized front-end webpage
- Created queries in AWS CloudWatch to collect and aggregate Lambda metrics of airplane passengers and created logs in Sumologic to send alerts to team if any errors occurred

Undergraduate Researcher   September 2021 – December 2021
Georgia Tech Sonification Lab   *Atlanta, GA*
- Worked on Virtual Reality situational awareness project helping to research, develop, and prototype systems to enhance awareness of the outside world and user experience for VR system users
- Developed software code and scripts to support research experiments and prototypes utilizing Unity and C#
- Attended weekly meetings with mentor to discuss progress of conducted research on VR technologies, human-computer interaction, and situational awareness
- Analyzed research data to identify emerging trends and patterns and to apply insights to guide decisions and recommendations
- Collaborated with researchers to share findings and contribute to collective knowledge at the lab