

Zackarya Umar

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WORK EXPERIENCE

USAA

June 2023 - Present

Software Engineer

- Supported APIs in Java, Spring Boot, and Spring Batch to handle a high volume of daily transfers within a fast paced and high-stakes banking environment while collaborated closely with front-end developers to optimize the member experience
- Migrated solutions to leverage Kafka, transitioning from synchronous to asynchronous workflows to accelerate processing speed for the high volume of transfers

Software Engineering Intern

- Developed API integration with a third-party wire screening vendor, enhancing transaction screening for 150,000+ monthly wire transactions.
- Designed and tested API endpoints with Java Spring Boot, reducing fraudulent activities.
- Utilized SQL Oracle DBs and NoSQL Cassandra DBs for data management.

H-E-B

Summer 2022

Software Engineering Intern

- Maintained H-E-B's in-house server-side rendering service on NodeJS and React, and supported feature teams on heb.com with 15M+ monthly views.

University of Texas at San Antonio

Aug 2021 – Dec 2023

Undergrad Teaching Assistant

- Assisted 200+ students in grading assignments, exams, and projects on Operating Systems concepts.
- Ensured grading consistency among teaching assistants and maintained accurate student records.

Computer Science Tutor

- Tutored Data Structures, and Applications Programming, Operating Systems and Systems Programming
- Developed a Slack bot in Python for the UTSA CS Department to help manage and verify ~2500 students

EDUCATION

University of Texas at San Antonio

Dec 2023

Bachelor of Science in Computer Science

- GPA: 3.8 / 4.0

EXTRACURRICULARS

Google Developer Student Clubs

Aug 2022 – Dec 2023

- Founding officer. Facilitated web development and running technical workshops. Built gdsutsa.com with React

SKILLS & INTERESTS

- **Languages:** Proficient in Java, TypeScript and JavaScript, HTML/CSS, Python, C, C#, Dart, and SQL
- **Technologies/Environments:** Windows, macOS, Linux, Jira, Git, Docker, React, NodeJS, Spring, Oracle DB