

Sami Yusuf

samiyusuf@tamu.edu | 832-929-7704 | Katy, Texas 77494 | U.S Citizen
LinkedIn: <https://www.linkedin.com/in/sami-yusuf-8671811b1/>

EDUCATION

Texas A&M University (TAMU)

B.E. Computer Engineering
May 2023 (Expected)
Current GPA: 3.95/4.00

SKILLS

Proficient:

Python • Java • JavaScript React
• Spring Boot • C++ • HTML •
CSS • Git • SQL

Familiar:

Angular • Docker • Node.js

COURSEWORK

Data Structures and Algorithms
Discrete Math Discrete
Structure Computing
Programming Languages
Database Systems
Cloud Computing
Intro to Computer Systems
Intro to Programming Design

ORGANIZATIONS

Aggie Coding Club
Muslim Student Association

EXPERIENCE

T-Mobile | Software Engineer Intern

May 2022 - August 2022 | Bellevue, Washington

- Built a RESTful API that abstracts backend systems and provides simple interfaces to external applications to support Data Protection and Privacy capabilities that are used by thousands of customers
- Researched and implemented an exception/error handler using the Resilience4j library in Spring Boot
- Communicated my findings and progress with other developers, product managers, senior managers, and directors
- Gained knowledge in microservices, REST APIs, Azure DevOps, Agile, and the Data Privacy field

J.B. Hunt | Application Development Intern

May 2021 - August 2021 | Lowell, Arkansas

- Used Angular, Spring Boot, and SQL to develop a full-stack web application used by the driver support team enabling them to sync, add, or delete certain roles to a truck or fleet
- Increased front-end and back-end code coverage to 95%
- Participated in daily stand-up meetings, weekly demos, backlog refinements, and a final presentation delegated by the Agile methodology and Scrum processes
- Leveraged knowledge in Docker, Maven, Azure DevOps, and Postman

Texas A&M Engineering Department | ENGR 102 Teaching Assistant

August 2021 - May 2022 | College Station, Texas

- Assist the professor in bi-weekly lectures guiding roughly 100 students with their Python assignments.
- Hold weekly office hour sessions to help students debug or revamp their code
- Grade student's labs, projects, and tests in a timely manner

Texas A&M Engineering Department | ENGR 216 Teaching Assistant

August 2020 - May 2021 | College Station, Texas

- Responsible for overseeing weekly lab sections where students would conduct experiments and gather data centered around Newtonian physics
- Held weekly office hour sessions in order to help students understand the purpose of the lab and how to derive conclusions based on their data
- Graded roughly 200 lab reports on a weekly basis

PROJECTS

Yemen Crisis Web page

- Created a simple web-page that informs users about the current crisis with current facts about the crisis as well as provides ways the user can take action and contribute if wanted
- Technologies: HTML/CSS

Spotif-I

- Built a command line app that uses the Spotify API to show how a user's taste in music has evolved over time using time-relevant data about their favorite genre
- Technologies: Node.js, Spotify API