

# Sami Yusuf

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## Education

### Texas A&M University (TAMU)

*Bachelor of Science: Computer Engineering*

Current GPA: 3.95/4.00

Relevant Coursework: Data Structures and Algorithms, Discrete Math, Discrete Structure Computing, Programming Languages, Intro to Computer Systems, Microcomputer Systems

Organizations: Aggie Coding Club, Muslim Student Association

College Station, Texas

May 2023 (Expected)

## Experience

### T-Mobile

#### Software Engineer Intern

Bellevue, Washington

*May 2022 – August 2022*

- Utilized Springboot to build a RESTful API endpoint 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 Springboot
- Communicated my progress and findings 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

Lowell, Arkansas

*May 2021 – August 2022*

- Used Angular, Springboot, 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 and Scrum processes
- Leveraged knowledge in Docker, Maven, Azure DevOps, and Postman

### Texas A&M Engineering Department

#### ENGR 102 Teaching Assistant

College Station, Texas

*August 2021 – Present*

- 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

#### ENGR 216 Teaching Assistant

*August 2020 – May 2021*

- Responsible for overseeing weekly lab sections where students conduct experiments and gather data centered around Newtonian physics
- Held weekly office hour sessions 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

## Skills

**Languages:** Python, Java, C++, HTML/CSS, JavaScript

**Technologies:** Spring, Node.js, MySQL, Angular, Docker, Git

## Projects

**Yemen Crisis Webpage:** Built a static webpage that provides information, facts, donation/petition links about the crisis

- Technologies: HTML/CSS

**Spotify-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 genres

- Technologies: Node.js, Spotify API