Jamal Faqeeri

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EDUCATION

Georgia Institute of Technology   **Atlanta, GA**
BS in Computer Science   *Fall 2023*
- Relevant Coursework: **Data Structures and Algorithms, Machine Learning,** Computer Organization and Programming, Object-Oriented Programming, Statistical Methods, Introduction to AI

WORK EXPERIENCE

Visa   **Denver, Colorado**
Software Engineer Intern   *Summer 2022*
- Utilized **SpringBoot** in Java and **Swagger** to create a **RESTful API tool** to **assist test engineers to easily find and address test failures in large scale, company-wide applications.**
- Test result files in **JSON** format were analyzed and failures were located accompanied with error message, step number, line number, scenario name, as well as various other features.
- Harnessed **MongoDB** to store data and write queries based on the client's request to the database.
- Utilized **Java Multithreading** libraries to exponentially increase processing and analyzing time
- Collaborated in a scrum team, in an agile environment to deliver an internal business tool that **decreased test failure analysis time from an average of 11 hours to an average of 30 minutes.**
- Participated in daily standups, sprint planning ceremonies, and sprint demos to discuss daily goals and blockers, expectations, and what was achieved.
- Performed end-to-end API automation testing using **Postman** and BDD based frameworks such as **Karate and Cypress.**
- Used Java and leveraged **Andi, AxeCore and JSoup** to scrape websites to **automate the testing process** to ensure Visa websites met Web Content Accessibility Guidelines (WCAG).

Chipotle Mexican Grill Inc.   **Woodstock, GA**
Service Manager   *2019 - 2021*
- Emphasized on managing customer delivery operations and product preparation efforts, controlled workflow and inventory, and delegated tasks.
- Boosted order output by 15% by evaluating individual capabilities and effectively allocating human resources of up to 11 employees.
- Integrated over 40 staff members through coordination of the staff recruitment cycle, identification of optimal candidates, and training in collaboration with company officials, assistant, and general manager.
- Headed inventory and finance management efforts through careful ingredient and product forecasting.

SKILLS & INTERESTS

- **Skills:** Java, Springboot, Swagger, JavaScript, Python (Pytorch: Machine learning), HTML/CSS, C, Assembly, Karate, Cypress, Postman, Utilizing MongoDB
- **Interests:** Looking to either specialize in machine learning or purse general software development.

Projects

VIP Robosense Project   *Fall 2021*
- Collaborated in a group of three members led by two graduate students to create a multi – agent robot system to perform real world tasks utilizing **MATLAB**.
- Designed an algorithm that considered task-allocation, formation control, and the leader-follower principle.
- Focusing specifically on the leader-follower algorithm, using the principles of Saddle Point acquisition of matrices and a A* path finding algorithm to locate the optimal path to a point

Tower Defense Style Game
- Created an Android app, balloon Tower Defense style game with a group of 5 other students utilizing Java and Android Studio
- Designed robust economy system for users, the ability to purchase different agents with different attributes, planned out design using System Design Diagrams, and Design Class Diagrams