SIMISOLA AGBOOLA

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GitHub | LinkedIn | Personal Portfolio

EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Science, Computer Engineering
- Dean's list - Fall 2018, Spring 2019 & Spring 2020
- National Society of Black Engineers Region V Apex Scholar - 08/2019
- Women in Engineering Scholarship Award Recipient - Spring & Fall 2021

Relevant Coursework
Data Structures & Algorithms, Design & Analysis of Algorithms, Discrete Structures, Computer Systems, Computer Architecture, Programming Languages, Robotics, Software Engineering, Digital Systems Design, Blockchains

SKILLS

Technical: C++, Java, Python, JavaScript, HTML/CSS, React JS, REST APIs, Ruby on Rails, SQL, LINUX, Docker, AWS, Git, Bash, Jira, Scum, MVC, MS suite, Raspberry Pi

PROFESSIONAL EXPERIENCE

Software Developer - Student Engineers' Council, Texas A&M   **Aug – Dec 2022**
- Oversaw the release of 2 user stories to the client system.
    - Automated the invoice payment process to 3rd-party vendors.
    - Authored the technical documentation of our product for the users.
- Increased efficiency in the organization's budget management by 106%.

Software Engineer Intern- Arkisys   **May – Aug 2022**
- Designed an interactive GUI to replace an outdated command line interface software.
- Led a 5-member team in developing the GUI and was assigned senior developer by my supervisor.
- Conducted routine updates on a weekly basis with the CEO during the implementation phase.

Project Delivery Intern - Addax Petroleum   **Aug 2019**
- Collaborated with 16 other interns to develop a fictional oil field that successfully secured a $3.86 million investment decision from managers.
- Created the facilities design mockup utilizing CAD software and improved project delivery efficiency by roughly 60%.

STEM Mentor- Aggie STEM Mentor Corps   **Feb - Mar 2020**
- Taught 10-15 Jones elementary school students basic STEM principles including 3D printing and simple LED circuit design.

INVOLVEMENT

PWC Consulting Case Competition   **Oct 2022**
- Led a team of 5 as consultants in a strategic merger case in the hotel & travel industry.
- Worked specifically on industry research and analysis.
- Recommended a merger in a presentation to a panel of PWC managers and associates.

Women in Engineering- Ambassador   **Fall 2019 - Spring 2020**
- Spoke on a panel in San Antonio to incoming female freshmen on advice and best practices in navigating engineering based on personal experience.
- Coached high school juniors & seniors looking to study engineering at Texas A&M's women in engineering outreach event.

TAMUHACK   **Spring 2020**
- Developed an Uber app for persons with disabilities in a team of 4 using Android Studio and google maps API [link].

3-Day Startup   **Feb 2020**
- Transformed an AI ad-replacement idea into AI generated product-placement software for YouTube videos in competition with other teams and came out third place.
- Gained recognition for inclusive leadership.