RAKHI SHAH

(214)-450-2011 | rrshah099@gmail.com
https://www.linkedin.com/in/rakhi-shah-937425173/

EDUCATION

Texas A&M University, College Station, Texas   May 2022
Bachelor of Science in Computer Science, Minor in Mathematics   GPA: 3.847
Engineering Honors

RELEVANT COURSEWORK

Completed: *Data Structures and Algorithms (C++) · Principles of Statistics (R) · Linear Algebra · Programming Languages (Scheme & Java) · Mathematical Probability · Linear Algebra · Computer Organization (Assembly) · Discrete Structures for Computing*
In Progress: *Design and Analysis of Algorithms · Honors Data Science · Web Development*

SKILLS

Java · C++ · Python · HTML · CSS · Java SpringBoot · React · Python Flask · SQL · JavaScript · R · Django · Kafka

EXPERIENCE/ PROJECTS

JP Morgan   June 2020 – August 2020
Software Engineer Program Intern
- Used React and Flask to create a live graph that tracks the ratios of two stocks, the upper and lower bounds of a stock, and to send an alert if a bound is crossed
- Created applications through Java SpringBoot that took Kafka messages and produced a response

Youth Client Portal   July 2020 - August 2020
CLC - JP Mogran: Social Good
- Built a client portal for a non-profit organization in order to help streamline a client's process
- Developed the back end of the Flask application through SQLite and Python in order to provide a response based on a customer's input and provide an automatic text and email response

iD Tech Camps   June 2019 – August 2019
C++ Instructor
- Taught teenagers C++ fundamentals in order to create an application with them in a week
- Created multiple arcade style games through game loops and animations in SFML in order to inspire and demonstrate basic game development to teenagers

Maroon Pages   September 2019
HowdyHack – 24 Hour Hackathon
- Built an ASP.NET Core Razor website designed for people to be able to register and show events occurring around a person on a map through keyword searches and filters
- Developed the front end of the website through Bootstrap, HTML, and CSS

ACTIVITIES

Aggie Women in Computer Science   September 2018 – Present
President
- Provided over thirty scholarships for students to attend the Grace Hopper Conference in 2020
- Hosted a Leadership Conference to encourage leadership roles for women in the technology industry
- Conducted technical workshops over topics such as Github and Web APIs

Freshman Reaching Excellence in Engineering   September 2018 – Present
Peer Help and Tutor Mentor/ RAISE Committee Member
- Planned fundraisers and profit shares that raised over 1,000 dollars for the club, the Boys and Girls Club of Brazos County, and the 12th Can Food Pantry
- Mentored freshman engineers to encourage a healthy balance between social and academic life

COMMUNITY SERVICE

Girls Who Code   January 2019 – Present
- Started a Girls Who Code chapter in the College Station area for elementary and middle school girls
- Created a curriculum and taught a lesson to 20 girls on the basics of algorithms in computer science
- Raised money through sponsorships and grants to buy computers for the girls to code on