FAIZAN SAYEED

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EDUCATION

The University of Texas at Austin, Austin, TX   *Expected Graduation:* May 2022
Bachelor of Science in Computer Science
Relevant Coursework: *Data Structures, Discrete Math, Computer Architecture, Statistics*

EXPERIENCE

AVA Robotics, Cambridge, MA   Summer 2019
Software Engineering Intern
- Responsible for designing and developing web application for the company's telepresence robot
- Created a streamlined and responsive user experience using HTML/CSS/JavaScript and JavaScript libraries such as Node.js, Bootstrap, and React
- Used revision control systems such as bitbucket and GitHub and built automated test programs for web applications using Python

Massachusetts Institute of Technology, Cambridge, MA   Summer 2019
Data Science Research Intern, Information for Data Systems & Society, Schwarzman College of Computing
- Built network models of US Congress connections using NetworkX and analyzed them using Python and Pandas to gain insight into how elected officials collaborate

PROJECTS

Freshman Research Initiative, Austin, TX   Spring 2019
Research Fellow in Robot Learning Stream
- Developed linear regression, classification, and cross validation programs using python scikit-learn

3 Day Startup Program (3DS), Austin, TX   Fall 2018
- Designed an Artificial Intelligence powered mental health screening chatbot for use in existing mental health clinics that directs care seekers to the right practitioner, resulting in higher rates of satisfactory care, and higher consumer retention for clinics with lower costs

ACTIVITIES & LEADERSHIP

Texas Convergent Austin, TX   September 2018 – Present
Build Team Member
- Designed an app for a local startup that allows families to get daily updates on their relatives in a senior care facility
- Created a functional wireframe model using Balsamiq, which was used by the the startup founders to sell the app to several care facilities.

Record Robotics (FIRST), Boston, MA   November 2016 – May 2018
Captain & Founder
- Led team in engineering with systems design, autonomous coding (Java) to win several awards in first season competitions and raised over $20,000 in team funds by directing sponsorship and marketing campaigns
- Organized outreach events to spread STEM interest in local community, such as teaching robotics class at elementary school

SKILLS

Proficient in C, Java, HTML, CSS, JavaScript, SCRUM, Python, Data visualization