S M Farhanur Rahman

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EDUCATION

Master of Science, Computer Science   **May 2021**
University of Texas at Dallas   GPA: N/A
       Track: *Systems*

Bachelor of Science, Electrical and Computer Engineering   **May 2019**
University of Texas at Austin   GPA: 3.40/4.00
       Primary: *Software Engineering*
       Secondary: *Computer Architecture and Embedded Systems*

WORK EXPERIENCE

Student Technician, Applied Research Labs   **May 2018 - July 2019**
- Assisted Naval Research using Python and Matlab on Linux.
- Completed demo using postgreSQL to store serialized data from kafka.

Undergrad Research Assistant, UT Austin   **Sept 2017 - May 2018**
- Used C++ and python to assist SLAM program on Linux.

UTalk Student Caller, Austin-TX   **Aug 2015 - May 2016**
- Learned how to build rapport and communicate with parents and alumni of UT.
- Communicated through phone calls and raised over $10,000 for the university.

ACADEMIC EXPERIENCE

Android Projects, UT Austin
- Apartmate: Created an app for roommates in software design class with a team.
- MapApp: Used Google Maps API to show maps/street view of an address.
- WeatherApp: Used Dark Sky API to collect weather information and displayed it on app.

Data Science Project, UT Austin
- Built a web scraper to extract song albums and artists from wiki.
- Used Spotify and Genius API to retrieve song lyrics and album art.
- Attempted to train dataset over GAN models to generate artwork.

Embedded Systems Project, UT Austin
- Car Game: Designed and implemented a car game on the ARM TIVA launchPAD in C.
- Weather Station: Implemented temperature sensor using I2C protocol on a custom PCB.
- TI-RSLK: Developed Simulink software for TI robotics curriculum on the C2000 launchpad.

SKILLS

- **Programs**: Proficient in Java, C, Python;
  Familiar with Matlab, HTML/CSS, C++, Linux terminal, Labview/Simulink, SQL, Assembly
- **Soft-skills**: Teaching Assistant, Excel budgeting, Sales representative, Event management

ACTIVITIES

- Panelist, Southwest Popular/American Culture Association
- Participant, Leadershape Institute
- 1st place, Local Unrated Chess Competition
- Volunteer: Pi Sigma Pi, ACL, Explore UT, SXSW, Texas Tribune, Longhorn Halloween, HFH
- Diploma, AP Capstone Research Program
- Grader, Engineer Your World