

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

WORK EXPERIENCE

Student Technician, Applied Research Labs	May 2018 - July 2019
<ul style="list-style-type: none">Assisting Naval Research using Python and Matlab on Linux.Trained using postgresSQL to store serialized data.	
Undergrad Research Assistant, UT Austin	Sept 2017 - May 2018
<ul style="list-style-type: none">Used C++ and python to assist SLAM program on Linux.	
UTalk Student Caller, Austin-TX	Aug 2015 - May 2016
<ul style="list-style-type: none">Learned how to build rapport and communicate with parents and alums of UT.Communicated through phone calls and raised over \$10,000 for the university.	

ACADEMIC EXPERIENCE

Android Projects, UT Austin
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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.

SKILLS

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

ACTIVITIES

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| <ul style="list-style-type: none">Panelist, Southwest Popular/American Culture AssociationParticipant, Leadershape Institute1st place, Local Unrated Chess Competition | <ul style="list-style-type: none">Volunteer: Pi Sigma Pi, ACL, Explore UT, SXSW, Texas Tribune, Longhorn Halloween, HFHDiploma, AP Capstone Research ProgramGrader, Engineer Your World |
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