

S M Farhanur Rahman

(469) 438-3374 | farhanr8@hotmail.com
Euless, TX | [farhanr8.github.io](https://github.com/farhanr8)

EDUCATION

Master of Science, Computer Science	May 2021
The University of Texas at Dallas GPA: 4.00/4.00 Track: <i>Systems</i>	
Bachelor of Science, Electrical and Computer Engineering	May 2019
The 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

Intern, Applied Research Labs	May 2018 - July 2019
<ul style="list-style-type: none">Assisted naval research (secret clearance) using Python/Matlab on Linux.Completed demo using postgresQL to store serialized data from kafka.	
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 alumni of UT.Communicated through phone calls and raised over \$10,000 for the university.	

ACADEMIC EXPERIENCE

Android Projects, UT Austin	Various Semesters
<ul style="list-style-type: none">Apartmate: Created an app for roommates in software design class with a team (Spring 2018)MapApp: Used Google Maps API to show maps/street view of an address (Spring 2018)WeatherApp: Used Dark Sky API to collect weather information and displayed it on app (Fall 2017)	
Data Science Project, UT Austin	Fall 2018
<ul style="list-style-type: none">Built a web scraper to extract song albums and artists from wikiUsed Spotify and Genius API to retrieve song lyrics and album artAttempted to train dataset over GAN models to generate artwork	
Embedded Systems Project, UT Austin	Various Semesters
<ul style="list-style-type: none">Car Game: Designed and implemented a car game on the TM4C123 launchPAD in C (Spring 2016)WeatherStation: Implemented temperature sensor using I2C protocol on a custom PCB (Spring 2019)TI-RSLK: Developed Simulink program for a robotics curriculum using C2000 launchpad (Spring 2019)	

SKILLS

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