

Actively seeking full-time career opportunities in Software Development. Currently pursuing MS in Computer Science at The University of Texas at Arlington. An aspiring Software Engineer/Network Engineer.

SKILLS

Operating Systems:	Windows, Windows Server, Ubuntu, Kali Linux, MacOS
Languages:	C#, C, Java, Python (Intermediate), HTML, CSS, JavaScript
Database Systems:	MySQL, MS Access, Firebase
Application & Tools:	Visual Studio, Visual Studio Code, Anaconda, NetBeans, Cisco packet tracer, Wireshark, NS2
Other:	Microsoft Azure, AWS, TCP/IP, DHCP, DNS, BGP

EDUCATION

MASTER OF SCIENCE IN COMPUTER SCIENCE, The University of Texas at Arlington	Aug 2020
Design and Analysis of Algorithm, Distributed Systems, Database Systems, Software Testing, Secure Programming, Computer Networks, Wireless Networks	
B. TECH IN INFORMATION TECHNOLOGY, Charotar University of Science and Technology	April 2018

EXPERIENCE

JUNE 2017 – MARCH 2018

NETWORK ENGINEER, HUBiNCRED

Worked at the startup as a Network Engineer. Helped them setup computers and a server. Took care of networking for the office. Created IT solutions. Deployed various services on Azure and AWS.

PROJECTS

- **Tic-Tac-Toe**
Implemented Tic-Tac-Toe game using Blockchain Technology
- **Multi-Threaded web server**
Built a multithreaded Web server that is capable of processing multiple simultaneous service requests in parallel.
- **Library Database**
Implemented Database for the library using given dataset.
- **n-node Distributed System**
Implemented n-node distributed system that supports totally ordered events and a distributed locking scheme. The distributed system uses logical clock to timestamp messages sent/received between nodes.
- **Energy aware routing with Wireless Sensor Network**
Implemented various wireless sensor protocols like, LEACH, PEGASIS, TEEN, SPIN to find the best WSN protocol for a specific type of application. Modified LEACH protocol to optimize the energy consumption via sensors.
- **ImageAnalysis**
Created two separate mobile application on android and ios platform for analyzing an image, which in turn would give output by processing the image by various categories. i.e feelings from analyzing the face of a human, doing OCR from an image containing text.

ACTIVITIES

- Coursework in applied CS with android designed by Google.
- Helped to organize and manage various Microsoft events during my undergraduate studies including Azure Bootcamp for two years in 2017 and 2018.