

# Nihar Gupte

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## SKILLS

### PROGRAMMING

Proficient:

Java, C

Intermediate:

C++, mySQL

HTML, CSS

MATLAB

Beginner:

Bootstrap, PHP

### OPERATING SYSTEMS

Linux Ubuntu, Windows

### VERSION CONTROL

git, GitHub

### OTHER TOOLS

g++, valgrind, gdb, VSCode

phpMyAdmin, HeidiSQL

MS Office, Sublime Text

### NETWORKING

OSI Model, IP, TCP

MAC, ARP, DNS

DNS, FQN, DHCP

### DEVELOPMENT

### METHODOLOGIES

Agile, Waterfall, Scrum

## INVOLVEMENT

### STUDENT GOVERNMENT

#### SENATOR

Elected to represent over 7,000

students of the College of

Engineering at UT Arlington.

Discussed, passed and voted on

resolutions affecting over 40,000  
students at UTA.

### UTA VOLUNTEERS

Volunteered for social and noble

causes for about 20 hours a

semester.

## ACADEMIC COURSEWORK

COMPUTER NETWORK ORGANIZATION

ALGORITHMS AND DATA STRUCTURES

DATABASE SYSTEMS AND FILE STRUCTURES

FUNDAMENTALS OF SOFTWARE ENGINEERING

OPERATING SYSTEMS

OOPs

## EDUCATION

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

UNIVERSITY OF TEXAS AT ARLINGTON

Expected Graduation: May 2021

Minor: Mathematics

GPA: 4.00   Dean's List (Fall '18, Spring '19, Fall '19)

## PROJECTS

### MAV SHELL

08/2019 - 12/2019

- Developed and facilitated a customized Shell command line interface to execute all major scripting commands
- Utilized the functionality of fork and exec and handled multiple processes in C

### SUPERCHAT

01/2019 - 05/2019

- Built and handled a Linux based local client chatting messenger using ASIO network protocols and Ncurses GUI in C
- Implemented the functionality to chat with 50 users with spellcheck, chatrooms and private messaging

### MICE: MAVERICK ICE CREAM EMPORIUM

01/2018 - 05/2018

- Designed and delivered a customized POS system for an ice cream shop using Object Oriented Programming C++
- Implemented the ability to place or cancel an order, generate reports, and manage inventories to handle a restaurant's real time operations in a GUI interface using GTKMM library

## EXPERIENCE

### RESIDENT ASSISTANT

08/2019 - Present

UNIVERSITY OF TEXAS AT ARLINGTON

- Serve as a Role model and Leader for residential students, responsible for the welfare of around 1400 students
- Develop personal relationships with 70 residents to build community and enhance on-campus involvement
- Organize social, academic, personal welfare and diverse programs and events for student residents

### OFFICE ASSISTANT

08/2018 - 08/2019

UNIVERSITY OF TEXAS AT ARLINGTON

- Facilitated general administration of a residential hall housing about 250 students
- Directed students, parents, staff, and visitors with appropriate campus resources