

Muhammad Nauman

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🎓 EDUCATION

Texas A&M University, *BS in Computer Science*

Aug 2018 – Dec 2021

Minors: Mathematics, Cyber Security; **GPA:** 3.88/4

College Station

- **Relevant Coursework:** Artificial Intelligence; Computer Organization (Honors); Data Structure and Algorithm (H); Design and Analysis of Algorithms; Discrete Structure Computing; Engineering Lab Computation (H); Engineering Math I, II & III; Intro to Computing; Intro to Program Design; Programming Languages.
- **Awards:** Fall 2018 Dean's Honor Roll; 2019 Distinguished Engineering Student.
- **Activities:** Engineering Honors; Outreach Committee, MSA; Member of the: Arab Aggie Engineers; Aggie Coding Club; Muslim Students Association (MSA).

💼 PROFESSIONAL EXPERIENCE

WellMed Medical Group, *Application Developer Intern*

Jun 2020 – present

Developed an app for the Business PMO Team to guide Project Managers through the whole project from initiation to closing by prompting them to fill out forms and documents. Used QuickBase, HTML, CSS, JavaScript, SharePoint, etc.

San Antonio (virtual)

Little Texans Academy, *Site Supervisor [Volunteer]*

May 2018 – Aug 2018

Distributed 200+ meals. Advertised the program. Supervised over 5 other members.

Dallas

Timberglen Library, *Technology Assistant [Volunteer]*

Aug 2017 – Nov 2017

Assisted patrons in using computers, including MS Office. Provided tech support.

Dallas

📁 PROJECTS

ADT Implementations in C++

Doubly Linked List and Template Linked List; Stack ADT – 2 different implementations using array and doubly-linked list; Priority Queue ADT – 2 different implementations using array and linked tree.

Simulation of the Spread of a Virus

A Python program that simulates how a virus would spread using uniform distribution given different parameters.

Simulation of ISA

Implemented a simplified Instructional Set Architecture based upon the y86 syntax. Built using Logisim and Python. Takes assembly code in y86 and executes it.

Other Interesting Projects

Bulls and Cows game in C++, chess board game and War card game in Python, Credit Card verifier and Caesar Code Decoder in C, graphics of simple objects (e.g. robot, house, etc.) in Java.

🧠 SKILLS AND LANGUAGES

Technical Skills

Proficient in programming using C++; C; Java; Python; MATLAB; Scheme; JavaScript.

Exposed to HTML5; CSS3; Linux; Swift; LISP; MySQL; C#; R.

Have used Visual Studio; Microsoft Office Applications; Eclipse; XCode; PuTTY; LaTeX; Logisim; QuickBase; WordPress.

Fluent in speaking Urdu, Hindi, and English.