Nabil Rahaman
(Mohamed)

Education

University of North Texas
Bachelor of Science in Computer Science | May 2020 | Denton, TX | GPA 3.7
Relevant Coursework: Data Structures (Trees, Graphs, Heaps, etc…), Systems Programming, Algorithms, Digital Image Processing, AI, Computer Security, Natural Language Processing, Computer Networking, Software Testing, OOP, Client-Server, and Sockets.
Accomplishments: Dean's List 2019

Tarrant County College
Associates Degree in Computer Science | May 2018 | Hurst, TX | GPA 3.7
Relevant Coursework: C# development, MS SQL, Computer Security, Software Engineering, Hardware Maintenance, Linked Lists, Stacks, and Queues.
Accomplishments: Dean's List 2016 and 2017, Programming I and II Certificate, Information Technology Support Certificate

Experience

CodePath.org
Android Tech Fellow | Feb 2020 – Current | Denton, TX
As a Tech Fellow, I am currently coordinating Android App development course at my campus. The course focuses on utilizing Android Studio to build complex applications to teach students software engineering best practices.

Tarrant County College Northeast Campus
Supplemental Instruction Leader | Aug 2017 – May 2018 | Hurst, TX
Tutored programming fundamentals to first year computer science students by, teaching them basic data structures, arrays, conditional statements, loops, and functions. The tutoring material utilized coding examples, white-boarding, and paired programming exercises. Additionally, created an automated cancellation request form for my superiors to reduce the time and effort required to approve cancellations.

Projects

Android Projects

SimpleTweet
(github.com/MegaMan501/SimpleTweet)
SimpleTweet user's can view their most recent tweets. Furthermore, they can tweet out new messages to their homepage. Authentication of accounts are done by using OAUTH and the twitter API is used to do the rest.

ParseInstagram
(github.com/MegaMan501/ParseInstagram)
Instead of using the Instagram API, this application uses a MongoDB from a Heroku instance to store all the post of the users. The application stores each of the post by using standard REST API calls to store and receive data from the database.

C/C++ Projects

PassManager
(github.com/MegaMan501/PassManager)
A password manager built on the QT framework and SQLite to store password securely.

Custom Linux Shell
(under NDA for UNT)
Utilizing Linux System Calls, this program allows users to run shell commands. Also, has builtin functionality.

Full Stack Projects

Financial Advising Website
(https://fiadvisor.digital/)
Led a four man team that created a MEAN stack application to help students budged their finances. The project utilized REST API calls to connect the frontend to the backend NodeJS server and MongoDB database.

Fundraising App For Girl's Scouts
(in progress, Senior Design Project)
Currently, working on a 5 man team to make an inventory management system for the Girl's Scouts chapter in Dallas. The system is being built on the MEAN stack for our sponsor. The web application will also have an events' management system for all the special fundraising that scouts do throughout the year.

DFW

(817)-718-0113

mohamed.rahaman501@gmail.com

https://linkedin.com/in/mohamed-rahaman-901333162/

https://github.com/MegaMan501

https://nabilrahaman.me

Skills

C / C++ / Python / GIT / HTML / CSS /
Java / C# / Typescript / Javascript / Kanban
Bash / Sed / Gawk / Angular / NodeJS / MVC
ExpressJS / MEAN / MongoDB / Markdown
Sqlite / Agile / Scrum / Ubuntu / Windows
Arch Linux / AWS / GCP / QT / Visual Studio
REST / Bootstrap / Pfsense / KVM / QEMU
Project Management / OOP / SQL / Unix
MySql / MariaDB / UI / UX / Matlab / .Net

United States Work Authorization | US Citizen