Jibran Absarulislam

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Education

B.S. in Computer Science and Information Technology at New Jersey Institute of Technology
- GPA: 3.69 (out of 4.0)
- Expected Graduation: May 2023

Skills

- **Programming:** Proficiency in Object-Oriented Programming (OOP) using Python and Java. Some experience in C++, JS, PHP, and Android
- **Technologies:** Microsoft Office, GitHub, Abode Suite
- **Soft Skills:** Effective verbal and written communication. Adaptable in adverse situations. Goal-oriented and self-motivated. Excellent analytical skills and problem-solving capability. Eager to dive into the unknown headfirst

Work Experience

Code Ninjas, Westfield, NJ   Apr 2021 – Present
Lead Instructor
- Guide and track 100+ students along various curricula spanning from Scratch, JS, Python, Roblox Studio (Lua), and Unity
- Document and adapt to students' individual needs, progress, and learning styles
- Perform hardware checkups, regulate ISO images, and manage user permissions

Air Force ROTC Detachment 490, Newark, NJ
Cadet   Sep 2019 – Jan 2021
- Developed enhanced oral and written communication skills critical to military leadership
- Led flights (groups) of 10-20 fellow cadets through navigation (marching), academics, and problem solving (GLPs)

GMC Liaison
- Handled duties that facilitated communication between POC (Profession Officer Course) cadets and GMC (General Military Course) cadets
- Delivered announcements related to Wing events in a timely manner

Personal Projects

YUUMI.GG
- Created a Java-Android app that compares the stats of two players' recent 20 games and uses "K-D-A" logic to determine the "better player"

MD5pass-crack-py
- Utilized Python as a parser for MD5 password hashes, leveraging hashcat to output plaintext passwords

VaxMan and VaxMan-cpp
- Adapt a Python, then C++ renditions of "Pacman" to "VaxMan", whose goal is to clear ghosts who duplicate, before their count exceeds 128 ghosts

Course Projects

C++ Fortran-Like Interpreter
- Develop and build a programming language interpreter in C++
- Takes a file input and outputs the correct information or errors when appropriate

"Rock Paper Scissors"
- Built upon existing Java knowledge by introducing Socket-Client interactions and server-side operations
- Took user input through UI and processed the logic server-side

Relevant Courses

Advanced Programming for Information Technology, Computer Systems and Networks, Database System Design and Management, Information Design Techniques, Internet Applications, Programming Language Concepts, Data Structures and Algorithms