
Hafeez ur Rehman

Software Engineer

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EDUCATION

Beaconhouse School System, Peshawar - O/A Level

2014 - 2017

National University of Computer and Emerging Science (FAST), Islamabad - BS

2018 - 2022

SKILLS

- C++
- C#
- Unity Engine
- Python

PROJECTS

PATSM - Tensorflow, Javascript, Python, Android Studio, Node JS

[Github Repo](#)

PATSM or Personality Assessment Through Social Media is a machine learning application that determines a user's personality score using their twitter profile.

Do Your Job - Unity, C#

[Github Repo](#), [Itch.io](#)

[Contribution: Prototyping, Audio Programming, Sound Design]

A mini survival game made for a weekend game jam.

Chess Engine - Pygame, Python

[Github Repo](#)

A chess engine made in python that determines the best course of action to take against the player by prediction and anticipating several moves ahead and determining the best possible move.

Dinosaur Game - x86 Assembly

[Github Repo](#)

The google chrome dinosaur game made entirely in x86 assembly to run on the DOSBOX using the MASM compiler

Flight Path Scheduling - C++

[Github Repo](#)

A flight scheduling system for determining efficient paths and route for flights to and from their destinations using graphs and A*

Notable Courses

Data Structures

Developed an understanding of various data structures such as arrays, linked lists, trees, and graphs, and implemented algorithms to manipulate and analyze these structures efficiently.

Database Systems

Acquired proficiency in database design, SQL programming, and database management using relational and NoSQL databases.

Design and Analysis of Algorithms

Learned techniques for analyzing algorithm complexity, designing efficient algorithms, and applying algorithms to solve computational problems in various fields.

Artificial Intelligence

Studied the basics of artificial intelligence, including machine learning, computer vision, and natural language processing.

Cloud Computing: Gained experience with cloud computing platforms, including architecture, deployment, management, and security.