MAHAD KHALID TARAR

Computer Science Student

A determined and hardworking student who likes to challenge himself to try and learn new things, which will help me to contribute to my organization and grow professionally.With a get it done approach, Im confident in my ability to accomplish any task set in front of me, which in turn will help my organization.

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github.com/PeinZero

Assignment Solving Platform

A platform where teachers can upload assignments, make classrooms and bring all their students and assignments at one place. Meanwhile students can solve from many thousands of auto-graded assignments, join classrooms. It brings all the assignment's you need for your concept building at one place.

Technologies: Flask, MySQL, HTML, CSS, JavaScript

Github: https://github.com/PeinZero/RatorX

Assignment Solving Platform

A desktop application, that solves few common NP-Complete problems using Dynamic Programming, given a data set. The app allows you to choose a problem and choose inputs and the result is displayed with time taken to solve the problem with respect to the dataset provided.

Technologies: Electron, HTML, CSS, JavaScript

Github:https://github.com/PeinZero/DynamicProgrammmer

Assignment Solving Platform

A compiler that takes psuedo-code in a specifically defined format as an input and gives the equivalent code of assembly language.

Technologies: C++, Assembly Language

Github: https://github.com/PeinZero/PsuedoCode_To_Assembly-Language

BS in Computer Science

National University of Computer & Emerging Sciences (FAST)
09/2018 - 05/2022
CGPA: 3.79
Courses

- Object Oriented Programming
- Data Structures
- Design & Analysis of Algorithms
- Artificial Intelligence
- Information Retrieval
- Data Science and Machine Learning with Python
- Natural Language Processing with Python

- **Programming Languages:** C/C++, C#, Javascript,Python
- **Python:** Numpy, Pandas, Scikit-learn, Flask
- **Data Visualization:** Matplotlib, Seaborn
- **Database:** MongoDB, MySQL, SQLite
- **Frameworks:** React, Node.js, Express.js,Flask
- **Tools:** Git, Heroku, Visual Studio Code
- **API Development:** REST
- **Others:**
  - **Team Member:** Worked in diffrent team, and collaborated with team members to achieve goals
  - **Leadership:** Project lead in several different projects and kept the team members motivated to get the job done and to achieve the maximum quality.
  - **Good Communication:** Efficiently communicated with team members to develop ideas, assign indivisual tasks to team members and maintain the project flow.

Python Data Structures

Coursera

Using Databases with Python

Coursera

Using Python to Access Web Data

Coursera
- Participated in Speed Programming in Procom'19
- Participated in Speed Programming in Developer's Day 2019
- Runner Up in Coder's Cup 2019
- 50% and 100% Scholarship in Alevels(AS) and Alevels(A2) respectively

English

Full Professioal Proficiency

Urdu

Native Language

- Web Development
- Machine & Deep Learning
- Gaming
- Ethical Hacking