MUHAMMAD SAAD AMEER

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Portfolio

EDUCATION

Bilkent University. Ankara, Turkey.   Sep 2019 - Present

BS in Computer Technology and Information Systems.

Relevant Courses: Web Programming, Algorithms and Programming, Object Oriented Programming, Data Structures and Algorithms, Discrete and Combinatorial Mathematics, Calculus I and II, Technical Mathematics with Programming, Information Technologies, Computer Networks, Linux.

PROJECTS

Dynamic Landing Page HTML, CSS, Javascript   GitHub

- The dynamic landing page shows current time, greets the user, and allows them to make a to-do list.
- The page greets the user with good morning/afternoon/evening by checking the current time.
- At first, it gets the user's name and stores it to greet him/her with their name.
- The page also allows user to edit their to-do list.

OpenGL Projects C, OpenGL, GLUT Library   Project 1 Project 2 Project 3

- Created three games with OpenGL.
- In these projects, movements, timer, parabolic paths, hit and count, following objects using trignometry and several other functions are being applied.

Portfolio Website HTML, CSS, Jquery Website   GitHub

- Created my portfolio website.

Web based Tiles game HTML, CSS, Jquery   GitHub

- When the game starts, there's a countdown timer that decreases every second if the user is not able to click any of the tiles, and the bar represents the countdown.
- The game saves the high score, allowing them to compete with the previous high score.

Route Optimizer Java, Swing Library, Android Studio   GitHub

- This project uses the Travelling Salesmen Problem algorithm to find the optimal path to reach several destinations.
- It also optimizes the order in which multiple locations should be visited for minimal road length using maps from google maps.
- I created the PC app GUI using java swing library.

EXTRA-CURRICULAR ACTIVITIES

- Speech: National Accountability Bureau Pakistan.
- MUN: All Pakistan Model United Nations.

WORK HISTORY

Internship at Door of Awareness Website   July 2017

Internship at Shaukat Khanum Hospital with their social media marketing team Website   Aug 2016

Internship at Aabroo Welfare Org. Website   Aug 2017