Ahmed Wael Salah

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EDUCATION

Faculty of Engineering Ainshams University (GPA 3.31) Jan 2020 - Present
Relevant Coursework: OOP, DataStructure, Algorithms, Software Design Patterns.

Bardy Language HighSchool (98.5%) Mar 2017 - Jan 2020

BUE English Advanced Course May 2017 - Nov 2017
I aced an advanced English course, graduating as the top student. My language skills are polished

EXPERIENCE

Technocolabs intern July 2023 - September 2023

- Developed a machine learning model to predict song popularity by scraping song data from Billboard and Spotify APIs, extracting audio features from choruses, and performing exploratory data analysis
- Built a website with Spotify integration that classifies user-uploaded songs or Spotify links as popular or non-popular using the machine learning model

PROJECTS

XML Parser
•XML file parsing tool with error correction, prettifying and other functions. GUI made using C++ QT.

Matrices Calculator with Variable Dimensions with C++
•Developed a C++ application to perform common matrix math operations including addition, subtraction, multiplication, division, and finding determinants. Allows input of matrices with variable dimensions specified by user and implements efficient algorithms for fast computations on matrices of any size

Interrupt Controller 8259A with Verilog
•It features comprehensive support for cascaded operation, automatic rotation, and full nested mode

GPS Tracking System with Tiva C Microcontroller
•Using GPS module to get the coordinations of where we are and our destination using Tive C

SKILLS

- Programming Languages: C, C++, Java, JavaScript, Python
- FrameWorks: Django, React
- Others: HTML, CSS, SQL, MachineLearning, Data Science, Verilog, Shell
- Graphic Designer with Photoshop ,Illustrator and Indesign