AHMED MAHMOUD

Software Developer

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Education

Cairo University - Faculty of Engineering - Systems and Biomedical Engineering

GPA : 3.29

Interests

I'm focused on enhancing my skills in software development as i am interested in working as a full-stack developer to further improve my expertise and gain handson experience in building complete web applications.

Experience and Projects

Full-stack

- **Sociopedia Github Repository**

  social media website with full-stack services, MongoDB as database management ,RESTful API using Express.js, React.js for front-end interface and Material UI for styling.

- **Chat-Ease Github Repository**

  Chat ease is a is a chat website with the ability to exchange photos and videos and create communication groups.

  Built with **Express.js** sever useing **Socket.io** package for real-time messages with **MongoDB** database and **React.js** for interface and design.

Front-end Static websites

- **Hoobank Github Repository**

  static website as portfolio page for bank services, present more advanced feature of React.js framework with Tailwind CSS

- **Acme-rocket Github Repository**

  static website show advanced styles feature using Tailwind CSS

- **Kasper Github Repository**

  simple static website templete show advanced styles CSS and HTML5 like transformation and different layouts. visit the website

Desktop Apps

- **School management systems app Github Repository**

  Admin dashboard app manage students, professors, classes data using own database system in CSV file format, app show features of Python for functional services and Pyside Qt for interfaceing

Courses and Certificates

- **Alx_africa AI Career Essentials** (AICE) program in partnership : it focus on provide experience with practical AI tools and professional skills essential for career advancement

- IBM Machine Learning with Python (Coursera) : it involving on of Machine Learning using Python, honing my skills in data analysis, model evaluation, and predictive modeling techniques .

- Supervised Machine Learning with DeepLearning.AI (Coursera) : It provide key concepts in supervised learning, particularly in building predictive models using linear and logistic regression.

- Embedded systems Internship at Fuzetek : provide fundamental knowlage in C programming for embedded applications, understanding computer systems architecture, and mastering the art of interfacing with various Microcontrollers

Technical Skills

Backend (0 - 1)	• Experss.js	• Postgresql	• MongoDB	• RESTfulAPI	• Graphql API
Frontend (0 - 1)	• React.js	• Tailwind CSS	• Material UI		
Desktop apps	• Python	• python Qt/ Pyside	• Cpp	• OOP Cpp/Python	
ML	• Python	• Pandas	• Sklearn		