

Youssef Othman

Software Developer

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Career Objective

Aspiring engineer majoring in Communication and Information Engineering at Zewail City University of Science and Technology, with a passion for web development, machine learning, and data engineering. Seeking opportunities to leverage my technical skills and contribute to impactful projects.

EDUCATION

Zewail city for Science and Technology

Zewail City

B.Sc. in Communication and Information Engineering

2023 – 2027

- GPA: 3.91
- Relevant Coursework: Database Management Systems, Web Development, Data Structure, Algorithms, Database Management, Object-Oriented Programming

Egyptian High School (Thanwya Amma)

Egypt

High School, Grade: 97.44%

Graduated

- Ranked 130 nationwide

PROJECTS

Task Management App | Python

- Developed a task management application that helps users keep track of tasks, set deadlines, and receive reminders as deadlines approach. Utilized Python to handle task creation, tracking, and notification features.

Shape Haunt Game | C++

- Designed and developed a simple game using C++ and OOP concepts. The game generates a random shape and challenges the user to select from given shapes to match it, enhancing logical thinking and problem-solving.

University Project Management System | Razor Pages, .NET Framework, SQL Server

- Developed a web application for university project management. Enabled students to upload projects, advisors to manage submissions, and external users to view projects.

Battle Simulator | C++

- Developed a web application for university project management. Enabled students to upload projects, advisors to manage submissions, and external users to view projects.

ExoSky Web App | Python, Flask, SQLite

- Developed a web application that allows users to select a planet from NASA's exoplanet database. The app generates a 3D star view, simulating what the night sky would look like from the planet's perspective. Built using Python (Flask framework), SQLite for the database, and HTML/CSS/JS for the front-end.

SKILLS

Programming Languages: Python, C++, JavaScript, HTML/CSS , SQL , C#

Frameworks & Libraries: Pandas, Flask, .Net

Fields of Interest: Machine Learning, Web Development

Tools: Git, Visual Studio, Command Line, VSCode

Soft Skills: Team Collaboration, Effective Communication, Strong Analytical Abilities, Time Management

Languages

- Arabic (Native)
- English (Fluent)