

Omar Wagih

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Education

Tanta University

B.Sc. in Computer Engineering.

Dec 2021 - Aug 2026

Tanta, Egypt

Professional Experience

Internship — React Web Developer
DEPI

Apr 2024 - Sep 2024

Tanta, Egypt

- Developed and maintained responsive web applications using React, resulting in a 30% improvement in user interface performance.
- Collaborated with a team of 5 to design user-friendly interfaces and enhance user experience, increasing user satisfaction by 25%.
- Assisted in integrating 10+ REST APIs and debugging applications, reducing bugs by 40%.

Volunteer Experience

PR Member & HR of the PR Committee
IEEE Tanta Student Branch

Oct 2023 - Present

Tanta, Egypt

- Engaged in promoting events and activities within the branch.
- Managed public relations efforts and coordinated communication strategies.

Technical Skills

Programming Languages: Python, C++, JavaScript.

Frameworks and Technologies: Tkinter, REST APIs, React JS, Flask.

Development Tools: Git and GitHub, Microsoft **VS** Code and **VS**, HTML, CSS, Sass, BootStrap, SQL Server.

Projects

- **Web-Based Book Store Management System:** Built using Flask and SQL Server to manage books, customers, orders, and publishers with dynamic data rendering. Reduced manual management time by 50%.
- **Personal Website:** A platform to showcase portfolio, skills, and interests using HTML, CSS, Flexbox, CSS Grid, and Sass.
- **Tanks War Game:** A 2-player game developed using OpenGL and Pygame, showcasing problem-solving and game development skills and improved game efficiency by 20%.
- **Weather Forecast Application:** Provides current weather data for a specified location using REST APIs.
- **Recipe Search Website:** Allows users to search for recipes using an API, demonstrating API integration skills. Indexed over 1,000 recipes.

Licenses & certifications

- **HTML & CSS & Sass** | Almdrasa, Oct 2023
- **Python** | Programming Fundamentals | Almdrasa, Nov 2023
- **Primary Data Structures** | Almdrasa, Dec 2023