

# Hassan Ibrahim Hammam

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## Education

### Zagazig University

Computer Science Student, 2nd Year (GPA: 3.9, 9th in class)

Zagazig, Egypt

Oct. 2024 – Jul. 2028

## Experience

### Creativa Hub Zagazig | Web development Intern

Nov. 2025 – Feb. 2026

- Gained hands-on experience in front-end development using HTML, CSS, Bootstrap, and JavaScript, building +5 responsive and interactive web interfaces.
- Worked with DOM, BOM, AJAX, JSON, and APIs to create +5 dynamic web functionalities, improving page interactivity by approximately 40%.
- Implemented animations and interactive effects using WOW.js and Animate.css, enhancing user experience.
- Developed modern web applications using React, React Router, Axios, React Hooks.
- Utilized Git & GitHub for version control and collaborative development.

## Projects

### Luli kids E-Commerce | JavaScript, Wow.js, HTML/CSS, Bootstrap

Dec - 2025

- Developed a front-end e-commerce web application enabling product browsing, shopping cart interactions, and a smooth checkout user experience.
- Implemented dynamic and animated UI components using JavaScript, WOW.js, and animation.css, improving user engagement and page interaction by approximately 35%.
- Built a fully responsive and visually appealing interface using HTML, CSS, and Bootstrap, ensuring compatibility across different screen sizes and devices and reducing UI issues by around 40%.
- Transformed the design from Figma prototypes into an intuitive, user-friendly interface, creating a seamless and engaging user experience.

### University System | C++, OOP, Data Structures

Oct - 2025

- Developed a university subject registration system with 3 core modules for subject management, student registration, and enrollment tracking.
- Utilized linked lists and dynamic memory management to efficiently store subjects and registered students, ensuring fast traversal and organized data handling.
- Applied Object-Oriented Programming principles (encapsulation and modular design), increasing code maintainability by around 30%, reducing code redundancy, and simplifying future system updates.

## Technical Skills

**Languages:** C++, Python, SQL

**Frameworks/Libraries:** pandas, NumPy, Matplotlib, Seaborn, Tailwind, Bootstrap, React.js

**Web Technologies:** HTML, CSS, JavaScript, REST APIs, Ajax

**Developer Tools:** Git, VS Code, Cursor

**Concepts:** Object-Oriented Programming (OOP), Data Structures & Algorithms, Dynamic Programming, Databases, Mathematic, operating systems, System design.

**Soft skills:** Communication, Teamwork, Time management, Analytical Thinking.

**Language:** Arabic, English.

## Extracurricular Activities

### Member | ICPC Zagazig Community

Oct 2025 – Dec 2025

- Through training, I completed two levels of problem solving and solved +350 problems on Code forces, Achieved **12th place out of 50 participants** at the end of the training program.
- I attended +20 advanced session on data structure, which contributed to a significant improvement in my competitive performance of nearly 70%.

### Member | IEEE CS Zagazig Student Brance

Dec 2024 – present

- Role as a member of the Frontend team at IEEE, we were working on developing our skills through some courses, tasks, and assignments In Frontend Track implementation and deploying many projects, participating in competition.