Nadeen Elsayed

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Fourth-year Computer Science student with strong skills in data structures, algorithms, mathematics. I am eager to apply my academic knowledge and hands-on experience in a real-world internship. My passion for Computer Science motivates me to contribute effectively to projects and further enhance my technical skills.

EXPERIENCE

Data Intelligence Intern   July 2024 - August 2024
Vodafone*, Smart Village, Cairo*

- Participated in the Vodanation summer internship program at Vodafone, engaging in activities such as a data intelligence hackathon, CEO discussions, HR sessions, and a CV clinic.

- Gained in-depth exposure to the Data Intelligence department's workflow, from data collection to insight generation.

- Observed data collection from across Egypt, which provided valuable insights into user behavior and preferences.

- Developed informative dashboard**s** and collaborated with department heads to improve the overall customer experience.

- Optimized business processes by over 90% through data analysis, visualization tools, and report development with Tableau and Power BI.

- Contributed to machine learning model development and ensured data quality through cleaning, preprocessing, and transformation.

IoT Intern   July 2023 - Sept 2023
Faculty of Computers and Data Science, *Alexandria University*

- Completed an 8-week IoT training, mastering C++ programming and advanced concepts.

- Developed embedded systems using the ESP32 microcontroller and integrated cloud functionality with Firebase (Realtime Database and user authentication).

- Collaborated in a 4-member team on a smart clock capstone project.

- Enhanced smart clock functionality using ESP32 and Firebase, and created an intuitive Flutter application for a user-friendly interface.

EDUCATION

B.S - Data Science - CGPA 3.7   Oct 2021 – June 2025 (Expected)
Faculty of Computers and Data Science, University of Alexandria

PROJECTS

Car Dealership App

IBM's Full Stack Cloud Development Capstone Project   Dec 2024 - Jan 2024
- Developed a user-centric car dealership app using HTML, CSS, JavaScript, and Django.
- Optimized front-end to achieve 40% faster page load times.
- Managed data with SQLite and IBM Cloudant, enhancing storage capabilities.
- Integrated Natural Language Understanding for review analysis.
- Deployed with Kubernetes, improving scalability and reducing downtime.

SKILLS

Languages: HTML, CSS, JavaScript, SQL, PHP, Python, C++, Java, R
Technologies: React, Redux, Node.js, Express.js, Django, Flask, MongoDB, Firebase, Git, Docker, Kubernetes, OpenShift, Flutter, Jenkins, PostgreSQL
Concepts: OOP, Data Structures, REST, MVC, microservices, serverless computing, CI/CD