

Hagar Othman

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📍 Cairo, Egypt | 🌐 [GitHub](#) | [LinkedIn](#)

Objective

- Motivated Computer Science graduate with practical experience in full-stack and frontend development, seeking to contribute to impactful tech projects and grow as a software engineer in a collaborative, innovation-focused environment.
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Experience

Full Stack Intern | Atos | May 2025 – Present

- Trained in MERN stack: MongoDB, Express.js, React, and Node.js.
- Applied JavaScript OOP, SOLID principles, and clean code practices.
- Built full-stack apps with React frontend and Node.js + MongoDB backend.

Frontend Intern | EVAS-Tel | Jan 2025 – Apr 2025

- Built responsive UIs using HTML, CSS, JavaScript, React, Bootstrap, Sass & Tailwind.
- Worked on enhancing
- UI/UX of personal projects to expand portfolio and practical skills.
- Gained hands-on experience with Git, clean code, and Agile task management.

Education

B.Sc. in Computer Science – Canadian International College (Major: Data Science)

GPA: 3.22 | Graduation Year: 2024

Skills & Abilities

Technical Skills

- **Web Development:** HTML, CSS, Bootstrap, SASS, React, Node.js, Express, MongoDB
- **Programming Languages:** JavaScript, Python, C++, Java, R
- **Data Science & ML:** NumPy, Pandas, Scikit-learn, TensorFlow, Seaborn, Matplotlib, NLTK, OpenCV
- **Big Data Tools:** Hadoop, Spark, Hive, HDFS, Zookeeper, HBase, MapReduce, Flink
- **Databases:** SQL
- **Data Visualization:** Power BI, Seaborn, Matplotlib
- **Version Control:** Git, GitHub
- **Operating Systems:** Linux
- **Networking & Systems Administration:** MCSA, CompTIA A+, Network+
- **Productivity Tools:** Microsoft 365, Microsoft Office Suite

Soft Skills

- Communication & teamwork
- Problem-solving & adaptability
- Time management & organizational skills

Training & Certifications

- **AI & Machine Learning Diploma** – AMIT Learning | Dec 2023 – Jul 2024
- **Cybersecurity Training** | May 2024
- **Deep Learning Training** | Mar 2024
- **Big Data Masterclass** – Sprints AI | May 2023
- **Data Mining for Space Applications** – NARSS | Oct 2022
- **Data Analysis Using R** | Nov 2022
- **Data Analysis Using Python** | Mar 2022
- **Problem-Solving Training** – Coach Academy | Feb 2021
- **Unity Training** | Nov 2020
- **Python Training** | Mar 2020

Projects

Emotion Detection Using VR Technology

Graduation Project – Canadian International College, 2024

- Built a deep learning model (98% accuracy) to detect emotions from children's voice tones.
- Developed a multi-level VR game in Unity for arachnophobia treatment with emotion integration.
- Published in Springer: *[Automatic Phobia Detection with VR & ML Algorithms](#)*.

Product Management App

[GitHub](#)

- Developed a full-stack MERN inventory system with real-time CRUD updates using Socket.IO.
- Added product search by name/category and form validation with React.

E-Commerce Website

[GitHub](#) • [Live Demo](#)

- Built a responsive e-commerce site with HTML, CSS, JavaScript, and jQuery.
- Integrated category/product APIs, reviews, slick carousels, search & filters.
- Used GitHub Actions for CI/CD deployment.

Full-Stack Notes App (MERN)

[GitHub](#)

- Created a secure note-taking app with JWT auth, protected routes, and full CRUD.
- Used React Hooks, Axios, and followed clean code and RESTful practices.

Languages

- **Arabic:** Native
- **English:** Fluent