

Abdelhamid Farhat

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EDUCATION

Arab Academy for Science, Technology & Maritime Transport (AAST)

Graduation Year: 2026

Bachelor of Computing and Information Technology - Computer Science Department
GPA: 3.70

EXPERIENCE & PROJECTS

Personal Branding Platform – Hossam Abdelmalek

- Developed a web-based platform serving as a unified digital identity and content hub.
- Implemented responsive UI and dynamic content management to allow easy updates without technical intervention.
- Delivered a scalable solution aligned with client branding and long-term online presence needs.

Supermarket Management System

- Built a management system to handle products, inventory tracking, and basic business operations.
- Focused on structured data handling, system logic, and clean separation of responsibilities
- Strengthened understanding of backend logic and database-driven applications.

Password Strength Classification

- Implemented a machine learning model to classify password strength based on pattern and feature analysis.
- Applied data preprocessing, feature extraction, and model evaluation techniques.
- Gained practical experience in applying ML concepts to real-world security-related problems.

SKILLS & CERTIFICATIONS

Technical Skills

- Programming: JavaScript, Python, Java, C/C++
- Web Development: React.js, Next.js, Node.js, Express.js
- Machine Learning: Scikit-learn, Pandas, NumPy
- Databases: MySQL, MongoDB, Firebase, Supabase
- Concepts: RESTful APIs, System Design Basics, Data Structures
- Tools: Git, GitHub, Vercel, Jupyter Notebook

Soft Skills

- Problem Solving, Analytical Thinking, Team Collaboration, Time Management, Continuous Learning

Certifications

- React.js Certificate – ITI / Mahara-Tech
- Sprints × Microsoft Summer Camp – Web Development (40 hrs)
- Sprints × Microsoft Summer Camp – AI and Machine Learning (40 hrs)
- Full Stack Web Development using PHP (120 hrs) – ITI