

Ahmed Elyamany Mohamed

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SUMMARY

Computer Science graduate with a passion for problem-solving and software development. Proficient in Html, CSS and JavaScript, with experience in building responsive web applications.

EDUCATION

- Bachelor of Computer and Information Technology
 - Future University in Egypt (in collaboration with the University of Cincinnati, USA) [2020-2024]
 - CGPA: 2.86
- Hawazin Secondary School, Saudi Arabia [2017-2019]

Volunteer Experience

- **Organizer**, Minoan Robotsports Competition (MRC) [2023-2024]
 - Contributed to organizing a robotics competition
- **Organizer**, Pearson VUE – 2024
 - Assisted in administering professional exams

TECHNICAL SKILLS

- Front-End Development: (Html, CSS, Java Script, Bootstrap)
- Cross-platform app development (Flutter)
- Android app development, Java
- Git, GitHub
- PowerApps
- Experience with Firebase
- Programming Languages: (Java, C++, Python)

SOFT SKILLS

- Strong teamwork and collaboration abilities
- Adaptable and quick to learn new concepts
- Proficient in building and maintaining professional relationships
- Effective time management and organizational
- Excellent verbal and written communication
- Adaptable and responsive in dynamic environments

PROJECTS

- **Graduation Project:** Developed a mobile application using Flutter that assists tourists in exploring Egypt, Integrated AI and third-party APIs functionalities to personalize travel recommendations, significantly enhancing user engagement and providing real-time information.
- **Portfolio Website:** Created a responsive personal website to display web development projects and skills. Built with HTML, CSS, and JavaScript, it includes sections for projects, skills, and contact details, showcasing technical expertise and professional accomplishments.

- **3D Skull Landmark Detection Using DICOM Files:** Built a custom dataset of 3D skull X-rays with annotated coordinates for 29 key anatomical landmarks in each DICOM file. Developed a lightweight 3D CNN model using TensorFlow and Keras to predict these landmarks. Implemented preprocessing pipelines for data normalization and resizing. Achieved accurate predictions for clinical applications like diagnostics and surgery planning.
Tools: Python, TensorFlow, Keras, NumPy, pydicom, skimage
- **Healthy Web App:** Developed an interactive platform for Gazar Foods using HTML, CSS, Java script, Bootstrap, Angular, and Firebase, enabling customers to customize meal plans, manage profiles, and track orders.

Internship Experience

- **Intern- Global Brands Group-2023**
 - Explored **digital transformation strategies** and their applications across industries.
 - Gained in-depth knowledge of Office 365 tools for productivity and collaboration.
 - Developed skills in leveraging **Microsoft Power Platform** for automation and data insights.
 - Mastered the use of **SharePoint** for online collaboration and content management.
- **Intern- Next Academy-2023**
 - Gained hands-on experience in **mobile application development** using the Flutter framework.
 - Built foundational knowledge in creating cross-platform applications.
- **Workshop- NVIDIA-2022**
 - Acquired fundamental skills in **deep learning**, including neural network design and implementation.
 - Explored real-world applications of AI and machine learning technologies.

CERTIFICATIONS

- Certified Microsoft Approaches of DT, Global Brands Group - 2023
- Certified Mobile App Development Using Flutter Framework, Next Academy - 2023
- Certified Fundamental of Deep Learning, NVIDIA - 2022

LANGUAGES

Arabic (Native), English (Good)