

Aly Eltony

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2 Internships @ Orange Egypt | 10+ Projects in Web, ML & Game Dev



SUMMARY

19-year-old computer science student, UWE Bristol undergraduate, seeking a fresh challenge where I can prove and improve my skills and experience, and a learning opportunity to enhance my technical and professional expertise in the computer science industry.

EDUCATION

UWE Bristol - BSc (Hons) Computer Science	2022 – 2025
<ul style="list-style-type: none">Graduated with Second Class Honours (Upper Division) – 2:1Specializing in AI/ML, Web Development & Game DesignRelevant coursework: Machine Learning, Data Structures, Algorithms, Software Engineering	
Gulf English School, Egypt (IGCSE) 5 A* 2 A 1 B 1 C Score percentage: 93.89% Government Score: 384.94 / 410	2018 – 2022
FIS, Saudi Arabia	2015 – 2018
British School in Egypt	2011 – 2015

INTERNSHIPS

1. Digital Services & Transformation — Orange Egypt	Jun–Jul 2023
<ul style="list-style-type: none">Worked on SQL databases & Python automation for digital service optimization.	
2. Data Science — Orange Egypt	Jul–Aug 2024
<ul style="list-style-type: none">Developed CV-job matching algorithms using Python (Pandas, Scikit-learn).Automated skill-requirement analysis, improving HR efficiency by 25%.	

EXPERIENCE HIGHLIGHTS

Frontend Developer — Restaurant System	Jan 2023 – Jun 2023
Designed & Built a responsive web app with role-based views (Admin, Staff, Guest) using HTML, CSS, and JavaScript. Includes real-time updates.	
Game Developer — Kitchen Simulator (Unity & Blender)	Sep 2023 – Jan 2024
Developed a 3D multiplayer cooking simulator in Unity. Designed characters and kitchen assets in Blender and scripted gameplay logic and UI components.	
ML Developer — Nutrition Detection App	Jan 2024 – Jun 2024
Implemented a YOLOv5-based food detection model at 80%+ accuracy using Python. Mapped image results to a nutrition database to provide real-time dietary insights.	
Frontend Developer — 3D Portfolio Website (Next.js, Three.js, GSAP)	Jan 2025 – Present
Created an interactive 3D showcase with smooth animations and responsive design.	

Full Stack Developer — University App

Jan 2025 – Present

Developed a role-based student/admin management platform with Next.js frontend, Django backend, Docker, and REST API integration for full functionality.

PROJECTS

- Nutrition Detection App: YOLOv5 food recognition + nutrition dataset (Python)
- Kitchen Simulator: 3D multiplayer kitchen game (Unity, Blender)
- Chess Mobile App: A local chess mobile app with real-time database (Android Studio)
- 3D Portfolio Website: Next.js, Three.js, GSAP animations
- University Management App: Full-stack (Next.js, Django, Docker)
- Travel Booking Website: Flights, trains, buses search & booking
- Restaurant Management System: Role-based web app
- Linux Memory Exploit Demo: Buffer overflow simulation

SKILLS

Programming Languages: Python, C#, C++, Lua, JavaScript, SQL

Frameworks & Tools: Django, Flask, React.js, Next.js, Docker, Git

Machine Learning: YOLO, TensorFlow, Scikit-learn, Pandas, NumPy (80%+ accuracy in projects)

Data Science: Jupyter, Matplotlib, Seaborn

Web Development: HTML/CSS, JavaScript, REST APIs

UI/UX: Figma, Sketch, Adobe XD

Game Dev: Unity, Blender

Other: Linux/Unix, GitHub

INTERESTS

Coding, Designing, Fitness (Gym/Football/Swimming), Hiking.

LANGUAGES

Arabic *(Native Proficiency)* ● ● ● ● ●

English *(Full Professional Proficiency)* ● ● ● ● ●

REFERENCE

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