Ali Eltouny

Egypt & Bristol, UK | alieltouny.contact@gmail.com | Portfolio Website

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

SUMMARY

A computer science enthusiast, 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*

- o   Graduated with Second Class Honours (Upper Division) – 2:1
- o   Specializing in AI/ML, Web Development & Game Design
- o   Relevant coursework: Machine Learning, Data Structures, Algorithms, Software Engineering

Gulf English School, Egypt   *2018 – 2022*

(IGCSE) 5 A* 2 A 1B 1 C
Score percentage: 93.89%
Government Score: 384.94 / 410

FIS, Saudi Arabia   *2015 – 2018*
British School in Egypt   *2011 – 2015*

WORK EXPERIENCE

1. ***Analyst / Cybersecurity Associate*** — National Telecom Regulatory Authority (EG-CERT)   *Aug 2025 – Present*

- o   Investigate cybercrime cases and prepare reports.
- o   Contribute to youth cybersecurity awareness projects (e.g., educational game).
- o   Student in Digital Forensics (e.g., training for eCDFP).

INTERNSHIPS

1. ***Digital Services & Transformation*** — Orange Egypt   *Jun–Jul 2023*

- o   Worked on SQL databases & Python automation for digital service optimization.

2. ***Data Science*** — Orange Egypt   *Jul–Aug 2024*

- o   Developed CV-job matching algorithms using Python (Pandas, Scikit-learn).
- o   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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