FAN-YI OU

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Education

Bachelor of Science, Creative Computing   **09/2021 – 07/2024**
Queen Mary University of London   (London, UK)

- Classification 2.1
- Coursework: Software Engineering, Web Programming, Graphical User Interface, UX Design, Data Mining, Neural Network Machine Learning

Skills

Python | JavaScript | PHP | Java | HTML5 | CSS | MySQL | SQLite | Django | Vue.js | React.js | Tailwind CSS | Unity | PyTorch | NumPy | GitHub

Experience

AI Trainer, Freelance   **08/2024 – Present**
Outlier   (Remote, UK)

- Completed refining and assessing **3 AI model cases**, ensuring enhanced accuracy and performance.

IT Specialist, Intern   **07/2023 – 09/2023**
Jobwise HR Solutions Ltd.   (Tainan, Taiwan)

- Spearheaded the **deployment of a new CRM system** tailored for the working holiday application process, leading to an **80% improvement in sales workflow efficiency**.
- Facilitated communication between sales, finance, and marketing departments to design and integrate an optimal CRM workflow.
- Conducted ad hoc and user acceptance testing (UAT) to guarantee data accuracy and system accessibility, achieving a **pass rate 90%.**
- Developed comprehensive documentation to support a smooth transition to the new CRM system.
- Monitored and evaluated system performance in collaboration with the CRM provider weekly, ensuring continuous improvement post-implementation and **contributing to a 25% increase in the customer base**.

Interactive Production Team Leader   **10/2021 – 03/2022**
360Fashion Network   (Remote)

- Led a team of interns to successfully **complete 4 AR and VR projects**, including creating AR filters for virtual product try-ons and testing a VR experience room to enhance user interaction.
- Spearheaded the launch and optimisation of a fashion tech news service across multimedia formats, resulting in **nearly 200 newsletter subscribers and a 2% weekly increase in podcast audience**.
- Collaborated with the M5Stack team to assist in developing innovative fashion products using hardware and software solutions, integrating IoT technology to enhance functionality.
- Produced and distributed engaging multimedia content, including interactive AR elements, **across 5+ platforms**, enhancing audience engagement and expanding the reach of fashion technology news.

Fashion Technology Intern   **08/2021 – 08/2021**
360Fashion Network   (Remote)

- Optimised social media content creation using marketing SaaS and AI tools, analysing content performance and audience reach.
- Streamlined the content creation process by **testing and utilising over 10 different platforms.**
- Mentored in delivering "Python Basics for AI & Robotics" course, contributing to **3 team members obtaining the certifications**.

Projects

Educational Matching System Full-stack Engineering   **10/2023 – 04/2024**

- Engineered a prioritised-condition matching system tailored for international educational agencies, delivering as a SaaS platform.
- Leveraged **Python Django** for the backend and **Vue.js** for the frontend, integrating both internal and external **APIs** with an **ORM architecture** to ensure seamless data management and retrieval.

3D Unity Game Development   **10/2023 – 01/2024**

- Collaborated with a team of 4 to develop a 3D Tower Defence Game featuring Procedural Content Generation (PCG).
- Focused on programming the game environment, player movements, and GUI elements using **Unity and C# scripting**, ensuring seamless interaction and immersive gameplay.

Crypto Platform Backend Engineering   **01/2023 – 03/2023**

- Directed a team of four in the backend development of a crypto platform, utilising **PHP** and **MySQL** for database management.
- Implemented external crypto **APIs** to manage data tables and charts, ensuring accurate and real-time information display.

Activities

Technology Internship Experience, Bright Network   **06/2024 – 06/2024**
Attended workshops and provided solutions to real-world business problems for BT Group and Deloitte.   (Remote, UK)
Microsoft Embrace Mentoring Programme, Microsoft   **10/2023 – 11/2023**
Gained in-depth knowledge of the Azure platform and engaged in understanding Microsoft's company culture and values.   (Remote, UK)
AWS JAM Hackathon partnered with Firemind   **09/2023 – 09/2023**
Engaged in an onsite hackathon focused on AWS EC2 and S3 services and gained experience with firewalls and encryption.   (Remote, UK)