

Yun Gu

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EDUCATION

Cardiff University

MSc in Software Engineering with a Professional Placement Year (expected Merit)

Cardiff

Sep 2021 – Sep 2023

Shanghai Maritime University

BEng in Electronic Information Engineering (2:1)

Shanghai

Sep 2017 – Jun 2021

WORK EXPERIENCE

UX Designer

IT Department, Cardiff University

Cardiff

Jul 2022 – Present

Development and Integration team is a part of Cardiff University, aiming to deliver better user experience for students and staff

- Responsible for the full UX design lifecycle, got involved in defining user needs, analysis, design and testing of University Applications, re-imagining end-to-end multi-channel services for students, prototyping mobile app and web-based solutions, critiquing proposed digital solutions and many more
- Liaised with developers to define the development roadmap, and the business analyst team to explore areas for improvement based on user data, worked in a Scrum environment and managed projects on Jira
- Projects: re-design of Student Information Management System and Identity Management System, new features in student app (e.g., find a library), service of external user IT requests, and contributed to Design System
- Skills developed: Figma, Tailwind CSS, Miro, Jira, Maze

Web Developer Intern

Front-end Group, 51Job

Shanghai

Jul 2020 – Sep 2020

51Job is the largest recruitment technology platform in China offering a range of outsourcing HR solutions

- Led the UX design and front-end development of the recruitment touchpoints for Coca-Cola, AMD and more
- Engaged clients to capture and define their needs around their recruitment websites and WeChat mini-programmes
- Skills developed: Vue, JavaScript/Typescript, Adobe Illustrator, Sketch

Data Analyst Assistant Intern

Data Group, Zyllion Data

Shanghai

Feb 2020 – Apr 2020

Zyllion Data is the developer of China's leading search engine product specialising in the industrials industry

- Responsible for configuring the web crawler algorithms to collect new data points for the product database
- Created data visualisations to support the manager's monthly product update report to senior management
- Skills developed: Regular expression, XPath, Python

PROJECTS

Web Development for a Mental Health Charity

Postgraduate Coursework

Cardiff

Nov 2021 – Apr 2022

- Worked in an agile environment with a team of 5, collaborated via GitLab, equal contributions to the functional features
- Personal contribution: Developed a functional tool that analyses mental health, from design, development to deployment
- Skills developed: Spring boot, JUnit, MySQL, Scrum, Git, DevOps (OpenStack, Jenkins, and Terraform)

Data Visualisation App for MindWave (Brainwave Sensing Headset)

Undergraduate Graduation Project

Shanghai

Feb 2021 – May 2021

- Developed an Android App that visualises real-time data fetched from the MindWave headset, a wearable that measures the EEG power spectrum such as alpha and beta waves
- Adopted by the university's postgraduate researchers to accelerate their human-computer interaction experiments
- Skills developed: Android development, Java

More projects can be found on my [website](#) or [GitHub](#).

SKILLS & INTERESTS

Programming Languages: [Java](#), [C++](#), [JavaScript](#), [HTML](#), [CSS](#), [TypeScript](#), [Python](#), [MATLAB](#)

Libraries & Frameworks: [Vue](#), [React](#), [Tailwind CSS](#), [Spring boot](#), [Next.js](#), [Node.js](#)

Design: [Figma](#), [Adobe Illustrator](#), [Sketch](#), [Axure](#), [Photoshop](#)

Tools & Platforms: [Git](#), [Jira](#), [Jenkins](#), [Terraform](#), [OpenStack](#)

Languages: English (Business proficiency); Chinese Mandarin (Native); Japanese (Beginner)

Interests: sports (football, F1, tennis, hiking), instruments (guitar, drums), painting, reading