

# 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

Supported Team Lead within the Development and Integration team to deliver better user experience for students and staff

- Implemented new functional features (Find a Library) to the University Student App where I am responsible for end-to-end delivery, which led to an uplift of MAU of 8%
  - Responsible for the entire UX design lifecycle (interaction design) and user journey (service design) prototypes; conducted customer interviews to validate the design and gather feedback for improvement
  - Led meetings with senior stakeholders to define key requirements and validate design features
  - Liaised with developers to define the development roadmap, and the business analyst team to explore areas for improvement based on user data such as new app download and interaction behaviours
- Established and formalised a design system (including components, patterns and styles) for the University's software
- Skills developed: Figma, Tailwind CSS, Miro, Jira, Maze

### UX & Frontend 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 and Product Analyst 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

- Led a team of 5 to overhaul the website for a charity, and adopted by the client when competing with 2 other teams
  - Directed the team's different workstreams in a Scrum environment to meet the tight milestones
  - Spearheaded the engagement and relationship building with the client to capture their needs and expectations
  - Collaborated with teammates for bug fixing and version control using GitLab to deliver the final product
- Developed a functional tool that analyses mental health, responsible for the lifecycle from development to deployment
- Skills developed: JUnit, MySQL, Spring boot, 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

## SKILLS

**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:** Business proficiency (English); Native (Chinese Mandarin)