

Yifei Gao

214 Kennedy Street, G4 0DB | gaoyeefei@gmail.com | +44 07881459557

Education

Glasgow School of Art, Glasgow, UK <i>Master of Design and Communication Design</i>	Sept. 2024 – Jul 2026(expected)
The University of Edinburgh, Edinburgh, UK <i>Master of Science and Design and Digital Media</i>	Sept. 2014 – Sept. 2015
Beijing Normal-Hong Kong Baptist University, Zhuhai, China <i>Bachelor of Science and Computer Science and Technology</i>	Sept. 2010 – Sept. 2014
• Core Courses: Object-Oriented Programming, Data Structures, Database Management System	

Work Experience

Compass (U.S.), Beijing, China <i>Frontend Developer</i>	Feb 2020 – Jan 2023
• Built and maintained custom real estate search pages for multiple U.S. states, ensuring data accuracy and feature consistency with official government property sites; Implemented GraphQL integrations, React UI components, and backend connections, contributing to the initial platform setup and later bug maintenance.	
• Delivered new UI features and components with optimized code solutions after peer design discussions; Wrote unit tests (Jest) and ensured end-to-end test coverage (Cypress), improving release stability and reducing regression issues.	
• Contributed to project iterations and framework migration from Formik to MobX, enhancing state management performance and maintainability.	
• Participated in code reviews, providing actionable feedback to uphold best practices and code quality; Coordinated with U.S.-based PMs and engineers to plan, decompose, and schedule tasks, identifying potential risks early and resolving blockers across time zones.	
• Supported CI/CD workflows, testing deployments on staging platforms before release.	

Ctrip, Shanghai, China <i>Frontend Developer</i>	Sept 2018 – Sept 2019
• Designed and implemented the Tangtu Project, a backend system for marketing teams to upload images and text, auto-generating HTML marketing pages that displayed campaign details directly to end-users.	
• Built JSON-based configurable templates (carousels, lists, etc.), enabling business teams to create and modify marketing pages independently, which reduced development turnaround and improved go-to-market speed.	
• Collaborated with backend engineers to design, validate, and debug data formats, ensuring correct offline-to-online rendering of page configurations; Developed and maintained H5 interactive pages and lightweight games to enhance campaign engagement.	
• Rebuilt visa application form pages across PC and mobile apps to adapt to frequently changing policies, ensuring data accuracy and user compliance; Refactored legacy form pages by creating a unified configuration system that automatically generated country-specific forms, cutting development and testing costs for new requirements.	

China Television Information Technology, Beijing, China <i>Frontend Developer</i>	Dec 2015 – Jun 2018
• Contributed to the development of a Content Management System (CMS), enabling editors to manage and publish multimedia content more efficiently; Built reusable frontend components (e.g., iList) that allowed the backend team to configure and embed modules directly, reducing repetitive development work.	
• Implemented drag-and-drop table features using jQuery, improving usability for non-technical content editors.	
• Collaborated closely with backend engineers to design data structures, debug integration issues, and validate stored content formats, ensuring accurate rendering on live sites; Expanded and maintained the company's frontend template library, streamlining content creation workflows and supporting scalability of future CMS features.	

Skills

- Languages: Python (Django), C, C#, Java, SQL, Javascript
- Framework and Library: React.js, Redux, Mobx, GraphQL, HTML5, CSS3, Jest, Cypress
- Tools: Git, CI/CD