

London, United Kingdom

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**A multidisciplinary creative passionate about building meaningful user experiences. Designing digital products across industry verticals, including healthcare, education, and more.**

## Work Experience

**2022 - Present**

**MSc Healthcare & Design / Honorary Clinical Research Fellow**  
Imperial College London

Lead on sharing insights into dissertation planning, design research methods, and design for behaviour change

Co-delivery of sessions on Healthcare Research

Co-supervision of students during their MSc degree

**2017 - Present**

**Doctor**  
National Health Service

Specialist Trainee Doctor in Emergency Medicine

Experience working in Intensive Care Medicine, Anaesthetics, Critical Care, Pre-hospital Medicine, and Acute Medicine

**2017 - Present**

**Freelancer**  
Jchui.me

Front-end engineering and user experience design contract work with start-up organisations, design firms, and personal projects.

**2016**

**User Experience Designer**  
Hack Partners

UX Design role during an accelerator programme run by Hack Partners, a technology consultancy in the transport sector.

Working for early-stage start-ups, partnering with external organisations to design and build prototypes and MVPs

**2015**

**Lead Organiser**  
AMEE Hacks / Elsevier

Organised and hosted a medical education hackathon hosted at the international AMEE 2015 conference in partnership with Elsevier.

Delivered a successful event generating innovative new solutions with an international engagement of over 550,000 people and 2.7 million impressions across social media platforms.

## Education

- 2021**      **Healthcare & Design, MSc (Distinction)**  
Imperial College London & Royal College of Art
- 2017**      **Bachelor of Medicine & Bachelor of Surgery, MBChB**  
University of Sheffield
- 2014**      **Bachelor of Medical Sciences, BMedSci**  
University of Sheffield

## Projects

- 2021**      **Product Designer**  
Pillbox Health
- Identified and conducted design research to improve medication compliance in the community
- Conducted user interviews, co-design workshops, and rapid prototyping to develop a pillbox utilising conductive ink to track medication compliance
- 2021**      **Service Designer**  
Intensive Care Unit, Northwick Park Hospital
- Designed and built an application to monitor the impact of decision fatigue
- Service evaluation results published in Anaesthesia News and accepted for presentation at the International Symposium on Intensive Care & Emergency Medicine
- 2020**      **Front-End Engineer & Designer**  
Posture Tracker
- Worked on the development of a prototype for improving posture during video calling, based on the theory of behaviour change and COM-B model
- Utilised open-source tools and libraries including the ResNet model in TensorFlow.js to gamify posture during video calls with real-time tracking and scoring
- 2017**      **Front-End Engineer & Designer**  
FPAS Calculator
- Identified a lack of information and clarity regarding the application process for ranking foundation schools and deaneries for medical jobs
- Designed and built in ReactJS, this application generates over 100,000 reports every year by prospective applicants

## Skills

- Design**      User-centred Design, User Research, Wireframing, Rapid Prototyping
- Engineering**      HTML, CSS, Javascript, React, PHP, Python
- Tools**      Figma, Sketch, Invision, Github, Digital Ocean, VS Code