Curriculum Vitae

Jeremy Tsz Kwan Chui

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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.

Jeremy Chui

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