TSUN MING ANDRE HUI

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A London-based Computer Science graduate and experienced indie developer, having successfully released 2 Windows applications to over 100 users. A capable software developer, committed to ensuring great user experiences, looking to apply his expertise and contribute towards a company's exciting technology.

EDUCATION

Master of Computer Science, Durham University   Oct 2017 - Jun 2021
MEng, First Honours

- Modules: Software Engineering, Web Development, Game Development, Machine Learning, Databases

EXPERIENCE

Manchester Massage Therapy   Remote
Web Designer/Developer - Contract   Oct 2023 - Present

- Met with stakeholders on many occasions to plan the project, gather specifications and discuss progress.
- Designed UI/UX in Figma according to customer specifications.
- Implementing a responsive website with Next.js and React.

CollAction   Remote
Frontend Developer - Volunteer   Nov 2022 - Oct 2023

- Independently increased test coverage of the mobile app by 30% through the creation of missing unit tests.
- Collaborated with cross-functional team to develop a CMS to interface with a pre-existing backend.
- Created reusable UI widgets as part of a widgetbook library, accessed by both the CMS and mobile app.

SKILLS

Languages	C, C#, C++, Python, HTML5, CSS3, JavaScript, TypeScript, Java, Dart, SQL, NoSQL
Technologies	Node.JS, Git, GitHub, Unity, Flutter, Bootstrap, React, Tailwind, Google Cloud, Firebase
Disciplines	Machine Learning, Signal Processing, REST APIs, Web Development, Agile/Scrum

PERSONAL PROJECTS

Sohstenahto Pedal - Infinite Sustain for Guitars

- Developed a VST plugin using the JUCE Framework and C++ to enhance sustain capabilities for guitars.
- Deployed a Node.JS API on Firebase, automating user licensing flow and enabling license management.
- Designed and published a product page that interacts with the API.

ReVox: Software Soundboard and Voice Changer

- Released a C++ audio manipulation app for Windows, targeted at live-streamers and video-game players.
- Iterated over several UI designs using Qt, achieving an aesthetic and functional experience.
- Implemented multithreading in voice effects, achieving sub-85ms processing delays in real-time applications.

River Tees Rediscovered

- Worked in an Agile team of 5 to expand on the web presence of River Tees Rediscovered.