

Tian Hao Wang

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Professional Summary

I aim to understand the forces driving technology-based businesses, both by building effective business models and applying creative solutions to problems. I would like to build cutting edge technology by collaborating both as a leader and team member with other engineers. I am an active developer with specific interests in information security, privacy, software development, human-computer interaction, Unix, and web development.

Experience

iOS/Swift Tutor

LifelsTech! Japan, Melbourne, Australia, November 2015 and September 2016

Tutored first time programmers in iPhone app development using Swift 2.3 in XCode. Tutoring covered up to advanced object oriented game programming. Mentorship ensured part of the success of the Australian branch of company operations abroad.

Head Admin

Ready Steady Pan Team, Global, Spring 2013 and Summer 2017

Managed over 2000 people and 260 teams in a competitive video game tournament around North America, Australia, and Europe. Performed PR, administrative, and technical duties. Managed other administrators, players and staff. Worked in liaison with Valve and professional casters to advertise and ensure the success of the tournament.

Data Entry

Recycled Textbooks, Mont Albert, Australia, August 2015 to November 2015

Facilitated data entry into a Django/MySQL database of textbooks. This required high accuracy, high speed, and familiarity with a particular web frontend. Also helped with stocking shelves and operating an online marketplace.

Projects

beThere

Tied 3rd place at the first Facebook Hackathon in Melbourne! BeThere is a web and mobile application for geographical media. We make it easy for people to move around and share their festival experiences or show what is happening in their home town for anybody around the world. Or perhaps you'd like to walk around the city and find out the new things happening around you? Music, photos, videos... it's all there!

Across

This is a hackathon project for Codebrew 2017. aCross is a phone app designed to solve the problem of global connectivity. It allows users to take photos of their surroundings or their locations and generate "stories" to share around the world. Stories are generated based on a heuristic that tries to maximise the distance around the world with unique photos on each visit.

Pipette

Image/file hosts exist that allow users to share images and files across the internet. Imgur is probably the best example. However, even in recent days, these services often go down and are unreliable. We can always rely on our own servers and may want to instead host these services ourselves. pipette gives a very easy user-friendly method of creating a file host with diagnostics and extensible code.

Dashr

This is a hackathon project for Unihack 2016. Dashr won Most Marketable Hack and Best Unit Testing. It is a Chrome extension that replaces the New Tab page in a way that is friendly to modders/developers, has a very low performance overhead, and is user-friendly and modern. Based on the Metro design first present in Windows 8 and Windows Phone, this extension uses square resizeable grids to launch lightning-fast widgets such as weather and email on each new tab.

Education

Bachelor of Science in Computing and Software Systems

University of Melbourne, Australia • Melbourne, Australia • December 2017

Skills

Python • rDBMS Design • MySQL • JavaScript • C/C++ • Java • Software Modelling and Design • PHP • Algorithms and Data Structures •
Web Development • Information Security