

Ken(Junkuan) Wang

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SKILLS SUMMARY

Application Development - Python, C#, React Native, C, Java

Web Development - HTML/CSS, Node.js, Angular8, Angular JS

EDUCATION

University of New South Wales - Bachelor of Software Engineering **Jan 2016 - Dec 2020**

Thesis topic - Evaluation of Google Fit and Apple Health Kit for research applications

- Currently creating a react native NPM package that reads and writes to Apple HealthKit and GoogleFit

PROFESSIONAL EXPERIENCE

WooliesX - Junior Software Engineer

April 2019 - Present

- Worked in a modern engineering model with Guilds, Tribes and Squads following Agile methodologies
- Worked on decommissioning our legacy rewards platform and the upgraded it to a new microservice based platform in C#.
- Created a "link your rewards card" modal in AngularJS and Angular 8 which had 33 thousand clicks to link in the first week
- Implemented two factor authentication with 3 other developers in Angular 8. Also worked on a microservice for consuming JWTs and authentication with a cloud DB
- Added High priority queue for SMS and Email for 2FA one time pins into our service bus and azure cloud platform
- Upgraded security framework by adding authorization tokens and new device login emails.
- Mentored two newer associate developers teaching them our framework, environment and best practices

ThoughtWorks LevelUP Program - Developer

September 2018 - December 2018

- Worked in an Agile team to develop an app prototype for a smartwatch.
- Implemented new features on the prototype such as routing and the google maps feature.
- Learned TDD, continuous integration and pair programming and used Node.js, Jest, HTML & CSS

COMPETITIONS & PRIZES

- New Futures Hackathon for Disaster Resilience (May 2019) - **2nd place**
- Accenture Blockchain Hackathon (April 2019) - **2nd place**
- NASA Space Apps Hackathon (Oct 2018) - **2nd place**
- Facebook Hackathon (May 2018) - Participation
- Macquarie Bank Second Year Software Engineering prize

PERSONAL PROJECTS

- Badminton Timetabler: I created a **Nodejs microservice** hosted on heroku which scrapes the court availability of multiple badminton booking systems that then gets called by my **react native mobile application** to display the data in a simple table form. It saves me time going through 4+ booking systems to find court availability.
- Transport App: **Android app** that calls the **NSW Transport API** to display when the next buses arrive for personalized locations. Saves me time from using Tripview Lite which takes about 10 button clicks compared to 2. Used: Android Studio with Java/Kotlin
- Create a static HTML personal website (early 2019) which has been updated over time as Initial versions didn't cater for responsiveness on various different devices. Feel free to check it out here at <https://ken7y.github.io>