

# JAMES WANG

✉ xuwang2@student.unimelb.edu.au · 📞 (+61) 452661374 · 🌐 cn-wx

## 🎓 EDUCATION

---

**University of Melbourne**, Melbourne, Australia 2018 – Present

*Master student* in Computer Science, expected July 2020

**Central South University**, Changsha, Hunan 2013 – 2017

*B.S. in Electronics Engineering (EE)*

## 👥 INTERN / WORKING EXPERIENCE

---

**Royal Melbourne Hospital** - Full Stack Developer (Casual) March 2019 – Present

- Mobile Learning Unit (<https://medicine.unimelb.edu.au/about/mobile-learning-unit>) was established by the University of Melbourne to interconnect Academics and Researchers with Healthcare Professionals through the delivery of Online Medical Courses, which has more than 10,000 students on our platform.
- As a Full Stack Developer, I am responsible for Phase 2 of the Mobile Learning Management System, implementing core functions and manage the development team. We use Node.js as our backend, sync Salesforce data to Heroku Postgres database, manipulate data with GraphQL and store learning unit files to Amazon S3 buckets.

**Ubisoft Shanghai** - Web Intern November 2018 – March 2019

- As a web intern in the hungry shark team, I am responsible for developing and optimizing pages in BI real-time prediction system and segmented monetization core operating system. Reconstruct D3.js to Vue.js, use PHP Smart template engine as the back-end, and Ruby for database creation and migration.
- Developed general module components for internal projects, which improves development efficiency, facilitates reuse and simplifies debugging steps.
- At the end of the internship, obtained manager's excellent evaluation.

**Hunan Wongxin Hi-tech Co., Ltd.** - Software Engineer Intern December 2017 – June 2018

- As an intern in the software department, we use Angular JS for front-end development, Spring Boot as the back-end development framework, Spring Data JPA as the data access layer, Hibernate as the data persistence layer. I have contributed 40% of the code for the project, and completed a multi-tenant information management platform.
- Migrated pipeline from company's original Windows Server to Linux Server. Independently responsible for configuring and building a CI/CD pipeline based on Ansible+Docker+Jenkins.

## 📁 RELEVANT PROJECTS

---

**Open Source Project => vue-hotspot**

- Developed an image hotspot component based on Vue, wrote unit test cases and continuous integration scripts.
- For further details please visit <https://github.com/cn-wx/vue-hotspot>

**Twitter Big Data Analysis System => Track Hub**

- The project crawled 2 million Twitter data from Melbourne over five years to conduct emotional analysis, and displayed real-time crime rate predictions in different geographical locations on front-end webpages, and provided personal activity path tracking.
- In the project, I am mainly responsible for front-end Vue development, software architecture design and automated operation and maintenance.

## ⚙️ SKILLS

---

- Programming Languages: JavaScript > Java == Python > Haskell

- Language: English (IELTS 6.5), Mandarin (Native Speaker)