

JIABEI (Phoenix) PAN

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EDUCATION

Master of Science in Information Technology, Carnegie Mellon University, Adelaide	2015 - 2017
Academics: GPA: 3.8/4.3	
Honors and Awards: <i>Dean's List (2015-2017); Merit Scholarship 50% Tuition; Distinction</i>	
Bachelor of Arts in International Business, University of Indianapolis, Indiana, US	2012 - 2014
Academics: GPA: 3.9/4.0	
Honors and Awards: <i>Dean's List (2012-2014); Graduated summa cum laude; First Class Scholarship</i>	

SKILLS

Language: Java, Python, Angular2, JavaScript, HTML, CSS
Database: MySQL, Oracle, MongoDB
Operation System: Linux, Microsoft Windows
Tools: IntelliJ, WebStorm, Android Studio, Git, Amazon Web Service

EXPERIENCE

Government of South Australia, Full-stack Developer, Australia	2017 – 2017
<ul style="list-style-type: none">♦ Sole developer of an Android web application using Cordova framework for a fund raising activity of \$1 million♦ Built application frontend using HTML, CSS, and JavaScript and backend using Java Spring Boot♦ Designed backend API endpoints to handle RESTful requests from user devices♦ Implemented sophisticated communications between backend servers and MySQL and MongoDB instances	
Mitsubishi Electric, Researcher Intern, Japan	2016 – 2016
<ul style="list-style-type: none">♦ Developed a fully functional prototype of a healthcare application with Android Studio. The app is able to monitor user status, communicate with database servers on AWS, and make emergency calls♦ Completed product documentation of the healthcare application, including development guide, UI guide, tutorials, and user manuals. Each document has clear target audience and is friendly to all readers♦ Conducted market researches for an incoming healthcare device based on internal and external data. The results were virtualized using Excel and Power Map and the presentation was accepted by the company board	
Carnegie Mellon University, Cloud Computing Projects, Australia	2016 – 2016
<ul style="list-style-type: none">♦ Implemented a RESTful web service for Twitter data analysis, which processed 100 Gb data through AWS EMR MapReduce and then put the result into database servers behind a load balancer.♦ Designed intelligent distribution strategies for load balancer and auto scaling group to improve computing resource utilization and control the budget♦ Built on cloud a dummy Facebook which safely processes 25,000 concurrent user requests per second and costs less than \$0.5/hour. Implemented login, user portfolio, friendships, and timeline, using different database (MySQL, HBase, and MongoDB) for a better performance.	
Menusifu Inc., Assistant Product Manager, New York	2014 – 2015
<ul style="list-style-type: none">♦ Designed data collection modules and UIs for company products, including one iOS application and two web applications, which were used by more than 500 merchants♦ Investigated and surveyed 300 clients, recognized 500 reproducible bugs and demands, proposed corresponding solutions, and raised customer satisfaction rate from 77% to 92% within two months♦ Established marketing strategy based on user research, data analysis, and competitor analysis. Increased monthly sales by 53% to more than \$100,000 during my term of office♦ Coordinated customer support representatives (CSRs) and IT department by introducing an internal ticket system, allowing CSRs to track resolved issues or issue new tickets to developers	