

## Education

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### Carnegie Mellon University, Adelaide Australia

8/ 2018 – 5/ 2020

*Master of Science in Information Technology – Business Intelligence and Data Analytics (GPA: 3.6/4.3)*

Relevant courses: Web Application Development, Object Oriented Programming in Java, Database Management, Linux & Open Source, Internet of Things, Data Focused Python, Data Structure

### Shanghai Lixin University of Accounting and Finance, Shanghai China

9/ 2014 – 1/ 2018

*Bachelor of Management in Information Management and System (GPA: 3.7/4.0)*

Merit Base First Prize Scholarships for Outstanding Student and Social Practice

## Skills

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- Programming language: Java, Python, SQL, HTML5, CSS, JavaScript, C#
- Industry Knowledge: Web application, Database management, Project management, Data analytics, Machine learning

## Work Experience

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### SeaLink – Student Consultant

Adelaide, Australia 5/ 2019 – 8/ 2019

- Built a recommendation engine increasing sales performance based on sales data and industry insights
- Employed **Tableau** for visualization, **Python** for data processing and modeling
- Explored association and implemented clustering K-means algorithm and generated recommendations

### Medtronic – Global IT Intern in Healthcare

Shanghai, China 3/ 2017 – 1/ 2018

- Administered daily operations of a development of *mTaxi* project for nine months from pilot to launched, which was awarded the “FY 2018 Best Project” in Medtronic’s Annual Meeting
- Executed monthly data analysis and identified user behavior through pivot-table and visualization using **Python**
- Designed informing system that improved efficiency of addressing noncompliant business trip issues by 80%
- Helped defining requirements of projects and published project documents for Medtronic’s mobile applications
- Implemented software testing (regression tests and acceptance tests) and assisted in three projects’ official deployments

## Project Experience

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### Symphony – Synchronized Music Sharing Studio Website

11/2019

- Developed a web application using Scrum methodology as a member of a group
- Utilized **JavaScript** adding music with **Ajax** and looping the music
- Implemented **websockets** recognizing the real-time comments and playing music in synchronization
- Managed the interchange of data between Netease API and users requesting songs with **Node.js** and deployed to **heroku**

### Menuserve – Restaurant Management Website – Full Stack Project

9/2019 – 11/2019

- Designed the model and the data schema for an online restaurant management
- Created well-designed user interfaces with standard **HTML**, **CSS**, and JavaScript, **JQuery** practices
- Incorporated data from **Postgres** Database and back-end services using Python **Django** framework
- Wrote front-end tests using **Selenium** and back-end tests in Django
- Used **git** for version control and deployed the web application linking **Azure** with **CI/CD** tool

### CUI for Shopping Experience – Chatbot Project

11/ 2019

- Built conversational user interface for shopping and linked it with Slack
- Integrated with Google Assistant Actions and connected Google Home Devices
- Used Google **DialogFlow** and set up database using **MongoDB**
- Created endpoints via **Node.js** using **RESTful** principles and achieved the create, read, update, and delete data operations

### Cruise Management System – JavaFX Application

10/ 2018

- Developed an information management system for a cruise company in **Java**
- Designed user interface with **JavaFX** and visualized the sales performance in different charts
- Used **Deby** database, achieving create, read, update, and delete data operations

## Leadership

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### Shanghai Volunteers Association

Shanghai, China 10/ 2014 – 6/ 2018

- Volunteered as an interpreter for foreign athletes resolving accommodation issues in International World Cup Archery
- Coached students from elementary school to undergraduates, which increased their homework accuracy by 30%