

# Chen Cheng

◇ Maynooth, Kildare

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## EDUCATION

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### Maynooth University

MSc. Computer Science

September 2021 - Now

Maynooth Kildare, Ireland

### Beijing University of Posts and Telecommunications

BE. Computer Science and Technology

June 2020

Beijing, China

## TECHNICAL EXPERTISE

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**Languages:** Java, Python, SQL, Racket, Haskell

**Developer Tools:** VS Code, IntelliJ Idea, Eclipse, Pycharm

**Open Source Frameworks:** Android, Flutter, Flask, React

**Others:** Git, Gradle, Agile(Scrum)

## WORK EXPERIENCE

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### Beijing Xiaomai Technology Co., Ltd.

Android Application Engineer

August 2015 - May 2019

Beijing, China

- Led two mobile applications that are used to meet the demand of the market and the staff of company.
- Developed and maintained a fundamental library that drastically reduces the time of development.
- Worked with testers and product managers together to push the process of project forward.
- Produced and collated documentations of valuable technologies used in the work.
- Helped junior engineers or interns to be quickly familiar with the team, flows, and projects.
- Kept sensitive about new technologies & tendency.

## PROJECTS

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### MaiMai

December 2015

- The target of the application is to be an interior platform in the company so that the staff can do things on their phones such as file approval, communication, contact search, house search, memo, etc...
- Third-party library: **Retrofit2**, **Rxjava**, **Butterknife**, **ActiveAndroid ORM**, Glide, Otto, Cache,, etc...
- Used Gradle to build signed and multi-channels APKs while the deployment.
- Used Umeng to keep track of user activities to improve the user experience.
- Design pattern & Architecture pattern: Builder, Proxy, Decorator, Strategy, Observer, MVC, MVP
- Development environment: Android-14, Gradle 1.3.1, Git, IntelliJ Idea, Postman

- The target of the application is to implement a human resources management system that is based on Android and IOS, including employee management, department management, post management, attendance management, and salary management.
- Technology stack: Flask, Sqlalchemy, Flutter
- Implemented the mobile applications by using **Flutter** to support **Android & IOS** simultaneously.
- Used **Flask + Sqlalchemy** to implement the corresponding web application and deploy it automatically through the shell script.
- Had unit testing coverage above 100% of the network interface through Postman, using the black-box method to test the whole front end.
- Development environment: Flutter 1.0.0+1, python 3.7, Git, Pycharm, VS Code, Postman

## **Average Indicative Marks**

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*△ First semester: 78.5%*