

# He Qin

SOFTWARE ENGINEER

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## Education

### University of California, San Diego

M.S. IN COMPUTER SCIENCE AND ENGINEERING

Computer Science GPA: 3.88/4.0

La Jolla, U.S.

Sep. 2017 - Expected 2019

### Shanghai Jiao Tong University

B.S. IN PHYSICS, B.E. IN COMPUTER SCIENCE

Computer Science GPA: 3.63/4.3 | Physics GPA: 3.84/4.3

Shanghai, China

Sep. 2012 - Jun. 2017

## Skills

### Programming / Framework

Python, JAVA, JavaScript, Node.js, Spring Boot, Django, Android, gRPC, Angular.js, MySQL, MongoDB, Redis, Kafka

### Tools

IntelliJ, PyCharm, AndroidStudio, Atom, Postman, MongoDB Compass, Maven, pip, npm

## Publication

### Learning Python, 5Ed (Chinese Version)

FIRST TRANSLATOR

- Chinese version of the popular *Learning Python, 5Ed.*

China Machine Press

Expected 2018

## Internship Experience

### Adobe

SPRING BOOT, JAVA, MICROSERVICE, MONGODB, POSTMAN

- Working on Adobe Campaign Spring Boot microservice. Helping integration with Adobe Cloud Platform.

San Jose, U.S.

Jun. 2018 - Present

### SAP

DJANGO(PYTHON), IONIC, MATERIAL DESIGN, WECHAT BE, HTML5, CSS

- Participated and organized the AI Assistant Over ERP innovation project. Helped designing the architecture of the system. Built the chart-rendering component and helped integrating the NLP engine with SAP Anywhere ERP system.
- Organized the "Come and Code" Programming Share Talk. Presented Motion Graphics and Processing Programming.
- Prototyped two POCs of Team-building System and BuyItTogether app using Django Restful, Angular.js, and Material Design.

Shanghai, China

Jun. 2016 - Nov. 2016

### GLow Inc.

ANDROID(JAVA), ANDROIDSTUDIO

- Implemented customized promotion card UI widgets for Baby app under supervision. Added loggings function for the app.

Shanghai, China

Jan. 2016 - Mar. 2016

### Ericsson

DJANGO(PYTHON), NODEJS, MYSQL, HTML5, CSS

- Completed PoC for Network Slicing based on Node.js WebSocket communication.
- Implemented WPST Log Visualization System using Django with MySQL DB, which supported editing and inquiring.

Shanghai, China

Mar. 2015 - Dec. 2015

## Project Experience

### McGill Univ. Physics Online Quiz Website

DJANGO(PYTHON), APACHE, POSTGRESQL, MATERIALIZECSS

- Designed, implemented and deployed a complete online quiz website for McGill University Physics Department, powering a 500-student class.
- Deployed the whole website on VPS with Apache and PostgreSQL as the http-server and database. This was a personal project as well as the undergraduate thesis for my CS degree.

Shanghai, China

Mar. 2017 - Jun. 2017

### TrackLabel, Android App

ANDROID(JAVA), ANDROIDSTUDIO, AMap PLUGIN

- Wrote a complete Android App. Implemented Bluetooth communication feature that scanned the paired devices and found a missing nearby smart phone by ringing through Bluetooth control.
- Integrated fully-functioning AMap API with GPS location. The app can record last Bluetooth detected locations for paired devices, which helps users to find missing devices. Followed best practices in Android Marshmallow with standard Google Material Design UI.

Shanghai, China

Mar. 2016 - Jun. 2016