

# WANG SHI, WINONA

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## //EDUCATION

2017 - 2018

**Hong Kong University of Science and Technology**  
MSc in Information Technology

2012 - 2017

**The Hong Kong Polytechnic University**

BSc in Computing (1<sup>st</sup> Honor) GPA 3.75/4.00

BBA in Management (1<sup>st</sup> Honor) GPA 3.68/4.00

2015 / 2016 Semester1 (Exchange)

**National University of Singapore**

## //EXPERIENCES

2017 Aug - Present

**Lenovo Machine Intelligence Research Lab** *Research Intern*

Knowledge Graph Platform Project

Develop a search platform using knowledge graph and machine learning. Use **Java Play** for back end and **RocksDB** for graph data storage and retrieval.

2017 May - 2017 Aug

**Deloitte Consulting (Shenzhen)** *IT Consulting Intern*

China Resources Land (华润置地) Mobile Business Intelligence Project

Developed back-end APIs (**SpringMVC**) for mobile web app and optimized **SQL** for processing large amount of data in the database

2016 Aug - 2017 Apr

**Shenzhen Fusquare Technology Company** *System Developer*

Smart Building IoT Project

Developed cloud **server** (based on Ali Yun), **IOT Android application**, Coordinators (**Raspberry Pi**) using **Java** and **Python**, set up database (**MySQL**),

2016 Jun - Aug

**PolyU Internet Infrastructure Research Lab** *Research Technical Assistant*

Performance Monitoring and Measurement of HARNET

Developed a Wi-Fi stress testing platform based on based on **Raspberry Pi** and **Linux** using **Python** to collect and analyze network performance data

## //PROJECTS

2017 Jan - Present

**Sense Plus: PWA using Computer Vision, LUIS, Tensorflow, etc.**

A mobile web app deployed on Microsoft Azure, using Cognitive and other APIs, LUIS, Tensorflow, etc. for the blind to "see" the world

Won Microsoft Imagine Cup Hong Kong champion and most innovative award

2015 Jun

**Cambodia Service Learning Project** *Group Leader*

Cooperated with local university, assembled LED lights and installed outdoor solar panels and indoor lights in Cambodia

## //SKILLS

**Programming**

Java, Python, Matlab, JavaScript

**Application Development**

Web App (SpringMVC, PWA)

Android App

**Network**

TCP/IP

**Database**

SQL, MySQL, Redis

**Internet of Things**

Raspberry Pi, Arduino, MQTT

**Operating System**

Linux, Raspbian

**Cloud Platform**

Microsoft Azure

## //AWARDS

2017 May

**Microsoft Imagine Cup 2017**

**Hong Kong Champion and Most Innovative**

Product: Sense+ (application for the blind using **Computer Vision** and **LUIS**)

2017 April

**PolyU Smart Computing Competition**  
**Champion**

2016 Feb

**PolyU Hackathon 2016**

**Bronze Prize**

Product: Chinese Medicine Prescript Management System

## //ACTIVITIES

2016 / 2017

**HK PolyU Hall Choir** *President*

Led the committee and coordinated the operations of the association

Organized annual performance and other activities with other committee members

## //LANGUAGES

Mandarin (Native)

Cantonese (Fluent)

English (IELTS 7.0)