**HONGZHE(Ethan) LI**

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**CAREER OBJECTIVE**

To gain an entry level position in the field of Information Technology and utilise my programming skills and interest in java-based programs to map business requirements to feasible IT solutions and teamwork skills.

**EDUCATION**

**Monash University, Caulfield**   **Mar 2016 – Dec 2017**

***Master of IT***

Relevant subjects:

* Programming Foundations
* Software Engineering
* Android and IOS Development

*Final Year Studio Project: “Homeless” Android application. This project focuses on providing the free shelter and food to the rough sleeper by retrieving the government open data and merging some APIs such as Google place API to show the location and News API to get some related information. I was responsible for Android application development and implement.*

**Harbin University of Science and Technology, China Sep 2009 – Sep 2011**

***Master of Engineering***

Relevant subjects:

* Embedded System Technology
* Control Network Technology
* Digital Control System

**SKILLS PROFILE**

**Technical Skills:**

* Java - Build a small virtual e-library for borrowing books using BlueJ
* C/C++ - Develop the communication protocols for the wireless elevator black box
* ASP.NET - Implement a small website with basic feature using Visual Studio
* SQL - Create the Model and Schema of virtual Database using SQL developer
* Enterprise Web design - a small web-based Java prototype for the project using NetBeans

**Non-technical Skills:**

* Strong research skills demonstrated by developing Ad-hoc Oriented WLAN through analysing the MESH network and limitation of the Ad-hoc network.
* Excellent Problem-solving skills demonstrated through developing new remote protocols for elevator IOT.
* Strong Adaptability skills when changing workplaces between Beijing and Shenzhen
* Outstanding teamwork skills demonstrated by working together with teammates to solve complicated issues at Inovance Technology.

**WORK EXPERIENCE**

**Inovance Technology, China Apr 2012 – Mar 2013**

***Embedded Linux Software Engineer*** *(Elevator IOT)*

**Key responsibilities:**

* Developed remote protocol for communicating with elevator terminals
* Dealt with request from elevator PLC and send data to the backend
* Developed Ad-hoc Oriented WLAN
* Optimum transmission track planning via complex topology structure was designed

**Achievement:**

* Established the protocol for communicating between elevator terminals and backend
* Established the IP distribution method in the wireless MESH network based-on Ad-hoc

**VOLUNTEER EXPERIENCE**

**RED CROSS ASSOCIATION, China Apr 2012 – Mar 2013**

***Organizer***

**Key responsibilities:**

* Organized and managed “HARBIN RED CROSS BLOOD DONATION EVENT”
* Facilitated the event by coordinating 20+ attendees to donate the blood.

**PROFESSIONAL DEVELOPMENT**

* Monash Professional Pathways *(Professional Year ICT)*, Melbourne **Jan 2018 – Current**
* Australian Institute of Translation and Interpretation **Dec 2017 – May 2018**

**PROFESSIONAL MEMBERSHIP**

* Australian Computer Society **January 2018 – Current**

**LANGUAGES**

* Mandarin – Native speaker

**REFEREES**

Available on request