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## Education

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**Current: University of Edinburgh - BEng Computer Science**

**2016-2020**

Courses include:

Functional programming, Computation and Logic, Introduction of Linear Algebra

Object-Oriented Programming, Calculus and its Applications, Data and Analysis

Discrete Mathematics and Mathematical Reasoning, Processing Formal and Natural Languages, Introduction to Computer Systems, Introduction to Software Engineering

Probability with Applications, 'Algorithms, Data Structures, Learning'

Informatics large practical, Professional Issues

Software design project, Computer Security

Optional Courses chosen:

Reasoning and Agents, Foundations of natural language processing ,  
Database Systems, Introductory Applied Machine Learning,  
Foundation Korean Language 1, Foundation Japanese Language 1,  
'Physics: Foundation'

**Past: Hangzhou NO.4 High School, Zhejiang Province, China**

**2013-2016**

A2 - Mathematics (A), Physics (A\*), Economics (B)  
IELTS - 7 (2016)

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## Relevant Skills

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### Android app development

- Developed an Android game app called 'Coinz' which performs similar functions as in PokemonGo, but instead of collecting Pokemons we collect coins with different currencies

## **Robot Building**

- Built an assistive chess robot for picking the chess pieces using LEGOs and EV3

## **Problem Solving**

- As an integral part of my degree, I built strong problem solving skills through mathematical problems and programming related coursework, e.g. debugging
- Debugging in many programming related coursework.

## **Teamwork**

- Working in a group of 9 in a course named 'software design project', in which members cooperate with each other to design and build a robot by using LEGO, implemented both software and hardware part as a team,
- Working in a group of two in a coursework project to write the report about capturing requirements for a tour guide app and to create a software design for it, also construct it using Java.
- Several experiences working with several classmates in a group to give presentations in high school.

## **Communication**

- Chinese native speaker, and fluent English speaker, also can speak a little Korean and Japanese.
- Experiences of presentation.

## **Report Writing**

- Writing reports for Physics laboratories in high school and through both individual and group projects in the college.

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## **Technical Skills**

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- A Specialty at programming languages including Java, Python, Matlab, Haskell, PDDL and familiarity with C and MIPS. A lot use of them in courseworks in degree study.
- Building server and client between robot and lego EV3.
- A specialty in data analysis (e.g. usage of database language such as SQL), and applied machine learning, natural language processing.

- Worked extensively with Microsoft Office(Word, Excel, Powerpoint)
- Some basic video editing and video making skill. As a reference of my produced videos:  
<https://space.bilibili.com/8056471/#/>

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## Work Experience

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### **Paid work:**

- Hospitality (front of house): Work in Michael's seafood and steak bar for part-time since September 2018 (one week in Amber restaurant, in which both restaurants are owned by same chef)
- Administration assistant: Help the administrator from the above mentioned restaurants to do administration work like completing rota, since mid-October 2018 for two months.

### **Volunteering:**

- Hackthon Volunteer: Volunteered in Hack the Burgh 2019
- Shop assistant - volunteered in Save the Children charity shop for several weeks, tasks including stock management and cashier.
- Member of Changeworks organisation - volunteered in several events, including distributing free stuffs and leaflet, classifying donated packages etc.

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## Personal Interest

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- Bullet Journal with daily tasks and habits recored, and organised.
- Drawing regularly.
- Passionate about food
- Frequently go to concerts and performances which interests me.
- Learning things about design or DIYs or other languages.
- Traveling

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References upon request.