

 [WilliLam.github.io](https://WilliLam.github.io)  
 [github.com/WilliLam](https://github.com/WilliLam)

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### Education

#### **University of Edinburgh**

BEng, Computer Science

Relevant Courses: Functional Programming, OOP, Data analysis, Economic Principles

Edinburgh  
2017-Present

#### **Macau Anglican College**

A-levels: 1A\* 3A (Physics, Maths, Geography, Chemistry)

Macau  
2013-2017

### Experience

#### **CodingGuys**

##### **Summer Internship**

Preprocessed large database of raw HTML Chinese/English texts into a usable format.

Created, evaluated and documented classification algorithms designed for continuous online training.

Increased accuracy on test set from 84% to 92%, using a neural network built with Keras and natural language processing methods.

Created a backend using flask to quickly test the neural net on servers.

Macau  
2018

#### **Sheraton Grand Hotel**

##### **Banquet Helper**

Worked effectively in a team to set up halls for events.

Macau  
2017

Memorized and communicated directions to attendees.

Responded quickly and independently to various problems on-site.

### Leadership/Activities

#### **Lar De Nossa Senhora Da Penha**

##### **Activities assistant**

Helped children/elderly perform basic tasks.

Thought of and carried out ways to interact with people on a mutual and personal basis.

Macau  
2016-2017

#### **澳门母亲会**

##### **English tutor**

Planned weekly sessions for the elderly, teaching basic English vocabulary.

Communicate ideas with a unfamiliar, large group of people.

Create engaging PowerPoints and handouts and giving/receiving feedback.

Macau  
2016

### Technical skills

**Advanced:** Python (Keras, Sci-kit learn, Tensorflow, Numpy, Flask, Pandas, Matplotlib)

**Intermediate:** Git, Unix commands, HTML5/CSS3 (Bootstrap), Vim

**Basic:** Java, Haskell, C#, Javascript, Netlogo

### Others

**Languages:** Fluent English, conversational Mandarin/Cantonese

**Misc.:** First aid, Conflict handling

**Interests:** Fencing, reading, cooking, board games