

WilliLam.github.io  
github.com/WilliLam

**Cheng William Lam**  
la.william4@gmail.com  
+4407491688362

4 Warrender Park Crescent  
Edinburgh, EH9 1DX

### 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.  
Memorized and communicated directions to attendees.  
Responded quickly and independently to various problems on-site.

Macau  
2017

### 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