Cheng William Lam

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Education

University of Edinburgh   Edinburgh
BEng, Computer Science   2017-Present
Relevant Courses: Functional Programming, Object-orientated programming, Data analysis

Macau Anglican College   Macau
A-levels: 1A* 3A (Physics, Maths, Geography, Chemistry)   2013-2017

Experience

CodingGuys   Macau
Summer Internship   2018
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.

Sheraton Grand Hotel   Macau
Banquet Helper   2017
Worked effectively in a team to set up halls for events.
Responded quickly and independently to various problems on-site.

Leadership/Activities

University of Edinburgh   Edinburgh
Class representative   2018-Present
Weekly meetings to raise issues to the university and ensure they are resolved promptly.

InfPals   Edinburgh
Team Leader   2018-Present
Supports group of first year students in informatics.
One hour per week to revise coursework and answer questions.

Lar De Nossa Senhora Da Penha   Macau
Activities assistant   2016-2017
Helped children/elderly perform tasks/exercises weekly.

澳门母亲会   Macau
English tutor   2016
Planned weekly sessions for the elderly, teaching basic English vocabulary.
Create engaging PowerPoints and handouts and giving/receiving feedback.

Technical skills

Advanced: Python (Keras, Sci-kit learn, Tensorflow, Numpy, Flask, Pandas, MatPlotLib)
Intermediate: Git, Java, Unix commands, HTML5/CSS3 (Bootstrap), Vim
Basic: Haskell, C++, C#, Javascript, Netlogo

Others

Languages: Fluent English, conversational Mandarin/Cantonese
Misc.: First aid, Conflict handling
Interests: Fencing, reading, cooking, board games