


Cheng William Lam

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Edinburgh

Education

University of Edinburgh

BEng, Computer Science

Edinburgh

2017-Present

Relevant Courses: Functional Programming, Object-orientated programming, Data analysis

Macau Anglican College

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

Macau

2013-2017

Experience

CodingGuys

Summer Internship

Macau

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

Banquet Helper

Macau

2017

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

Responded quickly and independently to various problems on-site.

Projects

THEFE

An informational food waste website for Hong Kong citizens.

Made the backend in Flask as well as the locations with Google Maps API.

For angelhack 2018 in Hong Kong.

Netlogo simulation

Simulates disease spreading throughout a small population.

Several different variables e.g. infection rate.

Python, HTML5, Javascript

Netlogo

Skills

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

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

Beginner: Haskell, C++, C#, Javascript, Netlogo, PHP

Volunteering

University of Edinburgh

Class representative

Edinburgh

2018-Present

Weekly meetings to raise issues to the university and ensure they are resolved promptly.

InfPals

Team leader

Edinburgh

2018-Present

Supports group of first year students in informatics.

One hour per week to revise coursework and answer questions.