

# LOW YUEN-SENG

lowysng.com

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## EDUCATION

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### Taylor's University

*August 2018 - August 2021*

Bachelor of Software Engineering

Data Science Specialization

Overall GPA: 3.2

### Independent Studies

deeplearning.ai (Coursera) — Deep Learning Specialization 1-4

*June 2019 - August 2019*

Stanford Online (Coursera) — Machine Learning

*January 2019*

### Sunway University

*2016*

CIE A Levels

Maths, Chemistry, Physics — A\*AA

## WORKSHOPS

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### Skymind Deep Learning with Computer Vision

*June 2020*

2-week intensive training program, including post-training examination

Built and presented image classification system as part of capstone project

Worked remotely within a team of 3 to coordinate and build capstone project

## PROJECTS

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### genetic

*July 2020*

Evolutionary algorithm optimization system for searching a given target word in the space of all equal-length words

### pathfinder

*July 2020*

Search algorithm visualizer with support for breadth first search, greedy search, and A\* search

### bird-classifier

*June 2020*

Deep learning based image classification system for classifying 200 species of birds

### nand2tetris-js

*March 2020*

General purpose computer implemented in JavaScript capable of running programs written in assembly

### neural-net-trainer

*March 2020*

Fullstack app for training a vanilla neural network, implemented from scratch (via Express and React)

## SKILLS

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### Programming Languages

Python, JavaScript, Java, C++

### Machine Learning

Fastai, Keras, DL4J, scikit-learn

### Web Development

React, Redux, Nodejs, Express, MongoDB, Postman

### General

Git, Bash

### Human Languages

English and Mandarin (Chinese)