LOW YUEN-SENG

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EDUCATION

Independent Studies

deeplearning.ai (Coursera) — Deep Learning Specialization 1-4	*June 2019 - August 2019*
Stanford Online (Coursera) — Machine Learning	*January 2019*

Taylor's University *August 2018 - August 2021*

Bachelor of Software Engineering

Data Science Specialization

Overall GPA: 3.2

EXPERIENCE

Skymind Deep Learning with Computer Vision June 2020

· 2-week intensive training programme, including post-training examination
· Built and presented an image classification system as part of capstone project

TECHNICAL PROJECTS

genetic July 2020

· Genetic algorithm visualizer, built using React
· Built an optimization system for searching a given target word in the space of all equal-length words

pathfinder July 2020

· Search algorithm visualizer, built using React
· Supports breadth first search, greedy search, and A* search

bird-classfier June 2020

· Deep learning training program capstone project
· Built an image classification system capable of classifying 200 species of birds
· Worked remotely within a team of 3 people to coordinate and build our project

neural-net-trainer March 2020

· Implemented a vanilla neural network in JavaScript from scratch
· Built frontend and backend using Express and React

nand2tetris-js March 2020

· Implemented a simple general purpose computer in JavaScript from scratch
· Learned to read and write basic assembly programs

SKILLS

Computer Languages	Python, JavaScript, Java, R, 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)