LOW YUEN-SENG

Email: lowysng@gmail.com ⬦ Malaysia
Blog: lowysng.posthaven.com
Portfolio: lowysng.github.io/v3

EDUCATION

Taylor's University   *August 2018 - August 2021*
Bachelor of Software Engineering
Data Science Specialization

Overall GPA: 3.2

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

TECHNICAL PROJECTS

Neural Network Trainer   March 2020

· Implemented a vanilla neural network in JavaScript from scratch
· Built backend API using Express
· Built frontend UI using React
· Wrote an accompanying essay on basics of neural networks (see blog link at top)

nand2tetris-js   March 2020

· Implemented a simple general purpose computer in JavaScript
· Built various logic gates and computer chips - full adder, ALU, RAM, the CPU, and more
· Learned to read and write basic assembly programs
· Wrote an accompanying essay on computer hardware architecture (see blog link at top)

turing-py   May 2020

· Implemented a Turing Machine in Python
· Wrote several basic Turing Machine algorithms
· Implemented a finite automaton (deterministic and nondeterministic) in Python

SKILLS

Computer Languages	JavaScript ES6+, Python, Java, C++
Web Frameworks	MERN stack (React, MongoDB, Express, Node.js)
ML Libraries	fastai, Keras, scikit-learn
Dev tools	Git, Bash, Postman
Human Languages	English and Mandarin (Chinese)