Tony Xia

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Skills

Fluent with Python, C++, Java
Familiar with some basic neural network structures. E.g. ConvNet
Proficient with Microsoft Office Suite.

Courses Taken

UCLA Sept. 2019 —
CS 31 Introduction to Programming
CS M51A Logic Circuit Design

Stanford University Jun. — Aug. 2018
CS 106B Programming Abstraction
CS 193C Client-side Web Technology

Edx Dec. 2018
CS 50 Introduction to Computer Science

Experience

Self-teaching neural networks March. 2019 —
Fully understand linear/logistic regression
Familiar with fully connected network and ConvNet

Self-teaching algorithms and data structures July. 2018 —
Experienced with graph theory and graph algorithms
Very proficient with dynamic programming and recursion
Fully understand the idea behind most basic data structures

Made a ConvNet to classify constellation Images May. 2019
Achieved a reasonable accuracy

Participated in Canadian Computing Competition Feb. 2019
Top 25% in Canada

Data analysis May. 2018
Analyzed the trend of score distribution of over 10 AP exams over the past 10 years

Participated in multiple math contests Sept. 2015 — June 2019
Scored top 150 in Canadian Open Math Challenge
Scored 160+ in AMC/AIME