# Tony Xia
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## Skills
Fluent with Python, C++, Java, JavaScript, HTML, CSS
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
**Web development**                                       June. 2018 —
  Developed several websites with different purposes
  Familiarized myself with frameworks like React.JS and Vue.JS
**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