Tony Xia

Los Angeles, CA 90024 | (424)465-5996 | summertony717@gmail.com | TonyXia2001.github.io/MyPage/

Education

University of California, Los Angeles   **June 2023**

B.S., Computer Science

Stanford University, Stanford   **August 2018**

Summer College Courses

CS 106B Programming Abstraction

CS 193C Client-side Web Technology

Relevant Experience

Machine Learning Project | Waterloo Collegiate Institute   **May—June 2019**

Collaborated with a team, developed a machine learning program to recognize constellations

Utilized Python TensorFlow to create a ConvNet for image classifications

Computer Science Club | Waterloo Collegiate Institute   **January—May 2019**

Quickly learned 7 computer algorithms

Participated in the Canadian Computing Contest and achieved top 25% score in the senior div

Math Club | Waterloo Collegiate Institute   **July 2017—May 2019**

Taught contest mathematics techniques to 20 students over the years

Organized math events for club members

Snorpheus – Automatic Chord Analyzer | StarterHack 2019   **January 2019**

Assisted in the making of a Chord Analyzer given an audio file utilizing recurrent neural network

Integrated the software in a web page for convenience of use

Super Slime Rumble | Waterloo Collegiate Institute   **June 2018**

Developed an intensive 2-player platformer shooting game with various a multitude of features.

Familiarized myself with all phases of the software development cycle

Data Analysis Project | Waterloo Collegiate Institute   **May 2018**

Analyzed the score distribution of 17 AP exams in the past 10 years

Discovered a trend in the change of AP score distribution

Technical Skills

Proficient in Python, C++, Java, JS, HTML, CSS   **Proficient in Microsoft Office, Excel, Word, PowerPoint**

Worked with Git, GitHub, Octave, MATLAB   **Beginner Vue, Express, TensorFlow**