Robert **Yang**

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▸ Summary

Hello there! I'm currently a student enrolled in Cornell University's College of Arts and Sciences. I wish to major in Computer Science and minor in Physics and/or Astronomy. I plan on learning web development before second semester begins, and begin attending hackathons in the future. I am proficient with data structures. In addition, I have a fair deal of experience with Java and have worked with Swift before.

▸ Projects

CUAppDev Intro to App Dev Final Project — 12/2016
This is the final project that I submitted for CUAppDev's Intro to App Development course. It is a game where for a sixty second duration, squares are generated with random sizes, at a random position, and moving in one of four randomly selected cardinal directions, and the player must accumulate a high score by tapping on as many of these squares as possible. More information can be found on the README of this project.

All Possible Sums Recursive Algorithm — 01/2017 to Present
This is a little Java project I coded up with the help of Danny Yang, which, when given an input array, returns an output array of the sums of each and every possible combination of elements in the array. This is done recursively, and in expected cases, behaves like a binary tree. The astounding thing is that once this project is complete, the algorithm will run in linear time in the best case scenarios. More information can found on the README and the Javadoc.

▸ Awards

CollegeBoard · AP Scholar with Distinction	2016
Nominated by Dr. DeMarinis of Jericho High School · Excellence in Multivariable Calculus	06/2016
Cornell University · Dean's List of the College of Arts and Sciences for Excellence in Scholarship	Fall/2016

▸ Volunteering

Cold Spring Hills Center for Health & Rehabilitation · Volunteer — 2013 to 2015
Aided in general care of elderly residents.

Piano for Residents · Piano Player — 2013 to 2014
Performed for residents in various nursing homes.

▸ Education

Cornell University
B.A. Computer Science 2020
Current GPA: 3.9

▸ Skills

Java
Swift
HTML/CSS/Javascript

▸ Activities

Cornell Wushu	09/2016 to Present
Science Olympiad	2015 to 2016

Competed at Islip Invitationals in the topics of astronomy and chemistry

Science Bowl	2015 to 2016

Competed at Brookhaven National Laboratory, with my contribution to the team being my proficiency in astronomy and physics

Physics Olympiad	2014 to 2015
Chemistry Olympiad	2013 to 2015

▸ Employment

Jericho UFSD Jericho High School Summer Technical Helper
07/2015 to 08/2015
Assisted in updating hardware for schools' computer labs. Helped employees with technical hardware issues.