Stanley Jiang

908-727-2784 · stanley.jiang1@gmail.com · stanleyjiang25.github.io

Education

Cornell University Class of 2025
Majoring in Computer Science
GPA: First semester freshman

Ridge High School Class of 2021
Weighted GPA: 4.86/4.00
SAT: 1590

Courses

Fall 2021 CS 2112 - Object-Oriented Design and Data Structures - Honors

Spring 2022 CS 3110 - Data Structures and Functional Programming

Spring 2022 CS 2800 - Discrete Structures

Projects

Simulating Evolving Artificial Life
Simulated a simple world of critters that interact with each other and the surrounding terrain in an artificial world. Implemented through a networked Java service with a graphical front end.

Text Editor
Implemented word completion, spell checking, and word search functions in a text editor by creating hash tables, tries (prefix trees), and Bloom filters.

RSA Encryption
Created a system that generated random public and private key pairs to use for RSA encryption and decrypted messages given public and private keys.

Activities

September 2021 – Present
Cornell Science Olympiad
Chemistry Lab Event Supervisor

September 2021 – Present
Cornell Undergraduate Math Club

September 2017 – June 2021
Mu Alpha Theta National Honor Society at Ridge
Co-President

Awards

2021 National Merit Scholarship Finalist and National Merit Bristol-Myers Squibb Company Scholarship Recipient

2021 Mu Alpha Theta High School Scholarship Recipient

2016-2021 AIME Qualifier

2019-2020 Princeton University Mathematics Competition (PUMaC) Individual Finalist

2019 Harvard-MIT Math Tournament 3rd place team

Employment

July 2019 – August 2019
Gauss STEM Camp
Teacher
Taught introductory programming concepts

Volunteering

May 2020 – September 2020
Alphademic Learning
Teacher & Marketing Team Member
Taught Java following an AP level course curriculum

June 2018 – June 2021
Gauss Mathematics Tournament
Tournament Organizer

Summer Experiences

May 2021 – August 2021
Math Talk on Bézier Curves
Explored the mathematical modeling capabilities of Bézier curves on polynomial functions

June 2020 – August 2020
Ross Mathematics Program
Studied Number Theory in a systematic, rigorous, and exhaustive manner

June 2018/2019 – July 2018/2019
Awesome Math Summer Program (AMSP)
Took advanced classes in Geometry, Combinatorics, and Algebra