Gene Yang

geneyang702@gmail.com ☒ | gyang0.github.io ☒

Education

Stanford Online High School – Senior, class of 2026   2021 – Present
GPA: 3.9769/4.0
Relevant coursework: Light & Heat | Modern Physics | Introduction to Quantum Computing
Linear Alegebra | Differential Equations | Real & Complex Analysis

Awards

Shortlisted, Asian Physics Olympiad South Korean representative (17 nationwide)	2026
Selected, Boston University High School Honors Program, physics track	2025
Top 8% Score, F=ma Exam, USA	2025
Pending, CAMWS College Greek Exam	2026
1st Place, CAMWS International Latin Translation Exam	2025
Gold Medal, National Latin Vocabulary Exam	2025

Experience

Selected Camper, International Physics Olympiad Training Camp, South Korea   Jan 2026
- One of 40 campers chosen nationwide
- Attended daily lectures on solving olympiad-level physics problems
- Successfully completed all experimental labs, passed final theoretical exam

Junior Lab Assistant, Korea Advanced Institute of Science & Technology (KAIST)   June 2025 – Jul 2025
- One of 100 chosen nationwide
- Collected lab data with PASCO Capstone
- Conducted heat engine & collision experiments with KAIST faculty

Co-Leader & AV Editor, Pixelstra: Stanford Online High School String Orchestra   Aug 2022 – Present
- Edited performance audio/videos for 4 years
- Arranged performances at graduation, senior lunch, Homecoming, & Pixel Festival
- https://www.youtube.com/@ohspixelstra ☒

Founder & Co-Leader, Ancient Greek Society, Stanford Online High School   Aug 2024 – Present
- Gained official school recognition, recruited 27 members
- Led bi-weekly *Athenaze* reading groups over school year

Projects

Extending the Quantum Prisoner's Dilemma   PDF ☒ | Abstract ☒
- Extended Jens Eisert's 1999 Quantum Prisoner's Dilemma to the Optional Prisoner's Dilemma
- Designed circuit & conducted graphical analysis

Physics, Classics, & Other Oddities – Personal Website   gyang0.github.io ☒
- Uploaded 350+ pages' handwritten notes & 25+ posts on Physics, Greek & Latin
- Developed auto-update system with Bash & Node.js
- Designed UI and Markdown-LaTeX rendering workflow

Skills

Programming C++, Java, JavaScript, HTML/CSS, Bash, Git, LaTeX
Data Analysis Python, Qiskit, R
AV Editing Davinci Resolve, ClipChamp, LilyPond