

Gene Yang

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Education

Stanford Online High School – Senior, class of 2026

Aug 2021 – June 2026

GPA: 3.9769/4.0

Relevant coursework: Light & Heat | Modern Physics | Introduction to Quantum Computing
Linear Algebra | 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

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 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

- 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> [✉](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 [✉](#)

- Extension of 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 [✉](https://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

Analysis Python, Qiskit, R

AV Editing Davinci Resolve, ClipChamp, LilyPond