

Gene Yang

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Education

Stanford Online High School	2026
Relevant coursework: Light & Heat Modern Physics Introduction to Quantum Computing Linear Algebra Differential Equations Real & Complex Analysis GPA: 3.98/4.0	




Awards

Shortlisted , Asian Physics Olympiad Korean representative (17 nationwide; standard high schools)	2026
Selected , Boston University High School Honors Program, physics track	2025
Top 8% Score , F=ma Exam, USA	2025
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
<ul style="list-style-type: none">• One of 45 campers chosen nationwide from standard high schools• 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
<ul style="list-style-type: none">• One of 100 chosen nationwide from standard high schools• 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
<ul style="list-style-type: none">• Edited performance audio/videos for 4 years• Arranged yearly performances at Graduation, Homecoming, & Pixel Festival• https://www.youtube.com/@ohspixelstra 	
Founder & Co-Leader , Ancient Greek Society, Stanford Online High School	Aug 2024 – Present
<ul style="list-style-type: none">• Gained official school recognition, recruited 27 members• Led bi-weekly <i>Athenaze</i> reading groups over school year	

Projects

<i>Extending the Quantum Prisoner's Dilemma</i>	PDF  Abstract 
<ul style="list-style-type: none">• Extended Eisert's 1999 Quantum Prisoner's Dilemma to accommodate a 3rd option• Designed circuit & conducted graphical analysis	
<i>Physics, Classics, & Other Oddities</i> – Personal Website	gyang0.github.io 
<ul style="list-style-type: none">• 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, Python, JavaScript, HTML/CSS, Bash, Git, LaTeX
Data Analysis SciPy, Qiskit, R