

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
• 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
• 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
• 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
• Gained official school recognition, recruited 27 members	
• Led bi-weekly <i>Athenaze</i> reading groups over school year	

Projects

Extending the Quantum Prisoner's Dilemma	PDF 🔗 Abstract 🔗
• Extended Eisert's 1999 Quantum Prisoner's Dilemma to accommodate a 3rd option	
• 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, Python, JavaScript, HTML/CSS, Bash, Git, LaTeX
Data Analysis SciPy, Qiskit, R