RYAN YI

152 Spectacle, Irvine CA, 92618
ryanhyi2008@gmail.com
+1 (949)-543-8062

EDUCATION

Portola High School (2022-2026)
1001 Cadence, Irvine, CA, 92618
GPA (W): 4.31 | SAT: 1540

APs: Precalculus (5), Calculus BC (5), Computer Science A (5), Physics 1 (5), Chemistry (5), Physics C: Mechanics (4), US History (4), English Language, Statistics, US Government, Biology, Environmental Science, Macroeconomics, Microeconomics, Physics C: Electricity & Magnetism

PROFICIENCIES

Languages: Korean (native), English (fluent), Spanish (advanced)
Computer Languages: Python, Java, JavaScript, HTML, CSS, C++, SQL
Technologies: React, TensorFlow, Node.js, PostgreSQL, Express, GraphQL, MongoDB

PROGRAMMER

Finalist, American Computer Science League (2023, 2025)

Silver Qualifier, USA Computing Olympiad (2023)

Lead Programmer, PillPal AI (2023-2025)

Finalist, Sigma Xi International Forum on Research Excellence (2022)

Service Tracker (2023-2024)

Sales Invoice Automation Platform (2023-2025)

LEADER

Founder/Vice President, Portola Envirothon (2024-present)

Software Engineer, Portola HS American Computer Science League (2022-present)

Co-Founder/Co-Chief Executive Officer, HealthRelay (2022-present)

RESEARCHER

Medical Communication Researcher, ThinkNeuro (2025-present)

Pending Publication, Journal of Student Research (2025)

• "Deep Learning for Brain Tumor Detection: A High-Precision Approach"

Marine Science Research Scholar, UC San Diego Research Scholars (2025)

First Place, Irvine Unified School District 44th Science Engineering Fair (2025)

Machine Learning Researcher, California State Summer School for Mathematics and Science at UC San Diego (2024)

ARTIST

Violin Section Leader, Global Mission Chamber Orchestra (2022-present)

First Violinist, Portola High School Symphonic Orchestra (2022-present)

Gold Key Author in Personal Memoir, Scholastic Art and Writing Awards (2025)