

Juni Kim

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Education

Stanford Online High School	2020 – 2024
<ul style="list-style-type: none">GPA: 3.98 out of 4.00 ACT: 36 (Math: 36, Reading: 36, English: 36, Science: 34)AP Calculus AB: 5, AP Calculus BC: 5, AP Chemistry: 5, AP Computer Science A: 5, AP Statistics: 5, AP Physics 1: 5, AP Biology: 5	

Research Experience

Research Project, <i>An Analysis of Visual Subitization Across Different Modes of Peripheral Vision</i>	Nov 2021
<ul style="list-style-type: none">Used Numpy/Scipy to run statistical inferences on subitization dataCreated a program to automatically log participant responsesPresented at the 2021 IEOM Monterrey Conference	
Research Internship at Icahn School of Medicine at Mount Sinai	May 2021 – Sep 2021
<ul style="list-style-type: none">Presented project to the IAET 2nd International Conference on Soft Computing, AI, Machine Learning, Smart Materials & ITAnalyzed GC-HRMS data with R packages to identify halogenated organic compoundsApplied program results to test correlations between exposures and Primary Biliary Colangitis and Primary Sclerosing Colangitis	

Honors & Awards

American Computer Science League Finals – Senior Division, <i>Bronze Medal</i>	May 2022
USAJMO Winner, <i>Scored 22/42, Ranked 22nd</i>	Mar 2022
National Latin Exam Intermediate Latin Exam Summa Cum Laude, <i>Gold Medal</i>	Apr 2022
AIME I, <i>Scored 8/15</i>	Feb 2022
Berkeley Math Tournament, <i>Distinguished Honor Roll in Geometry</i>	Nov 2021
AMC 12B, <i>Scored 118.5/150, Honor Roll</i>	Nov 2021
AMC 10A, <i>Scored 144/150, Distinguished Honor Roll, Top 0.04%, 6th nationally among 10th graders</i>	Nov 2021
USAJMO, <i>Scored 7/42</i>	Apr 2021
AIME I, <i>Scored 10/15, 19th nationally among 9th graders</i>	Mar 2021
USA National Chemistry Olympiad National Exam Nominee, <i>Semi-Finalist</i>	Mar 2021
AMC 10B, <i>Scored 117/150, Honor Roll</i>	Feb 2021
AMC 10A, <i>Scored 141/150, Distinguished Honor Roll, Top 0.25%</i>	Feb 2021
USA Computing Olympiad, <i>Platinum Division</i>	Jan 2021
Canadian Computing Competition Senior Division, <i>Scored 58/75, Top 3%</i>	Feb 2021
National Latin Exam Beginning Latin Exam Summa Cum Laude, <i>Gold Medal</i>	2021
American Computer Science League Finals – Intermediate Division, <i>Gold Medal</i>	2021
CS@Mines High School Programming Competition, <i>Team Leader, 2nd Place</i>	2021
USA Fencing, <i>All-Academic First Team 2021</i>	2021
National Mathematics & Science Competition, <i>1st Place</i>	Dec 2020
AIME I, <i>Scored 7/15</i>	Mar 2020
AMC 10A, <i>Scored 109.5/150</i>	Feb 2020

Extracurriculars & Community Service

Stanford OHS Peer Tutor, <i>AP Chemistry, AP Calculus BC, AP Statistics</i>	2021 – 2022
Stanford OHS Teachers Assistant, <i>AP Calculus BC</i>	2020 – 2021
Stanford OHS Math Team	2020 – Present
Chemistry Olympiad Team	2020 – Present
Stanford OHS Competitive Programming, <i>Circle Leader</i>	2020 – Present
Leadership and Activism Club	2020 – Present
UNICEF Club	2020 – Present
Lend a Hand Tutoring, <i>Founder/Leader</i>	2020 – Present
Charms of Change	2019 – Present

Projects

TeXbld, <i>Docker-based build tool for reproducible papers</i>	May 2022 – Present
MAA Tester, <i>React/Firebase app for math contest preparation</i>	2021 – Present
gostoptools, <i>series of web apps for logging/payment in hwatu card games</i>	Oct 2021 – March 2022

Writing

Scholastic Art and Writing, *submitted essay titled “console.log(‘The Web that Won’t Hold’)”*, received *Regional Gold Key*
EarthPlex, *published article titled “The Seaweed Threatening the Atlantic”*

Dec 2021
Jul 2021

Miscellaneous

Technical Proficiencies: Linux (NixOS and bspwm), Python, Django, TypeScript, JavaScript, React, Firebase, MongoDB, LaTeX, Docker
Sports: Tennis, Boxing