

# Juni Kim

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## Education

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

## Research Experience

IEOM Monterrey, <i>Analysis of Visual Subitization</i>	Nov 2021
<ul style="list-style-type: none"><li>Used Numpy/Scipy to run statistical inferences on subitization data</li><li>Created a program to automatically log participant responses</li></ul>	
Icahn School of Medicine, <i>Identification of Environmental Exposures using Untargeted GC-HRMS</i>	May 2021 – Sep 2021
<ul style="list-style-type: none"><li>Presented project to the IAET 2nd International Conference on Soft Computing, AI, Machine Learning, Smart Materials &amp; IT</li><li>Analyzed GC-HRMS data with R packages to identify halogenated organic compounds</li><li>Applied program results to test correlations between exposures and Primary Biliary Colangitis and Primary Sclerosing Colangitis</li></ul>	

## Honors & Awards

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%, 6<sup>th</sup> nationally among 10<sup>th</sup> graders</i>	Nov 2021
USAJMO, <i>Scored 7/42</i>	Apr 2021
AIME I, <i>Scored 10/15, 19<sup>th</sup> nationally among 9<sup>th</sup> 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, 2<sup>nd</sup> Place</i>	2021
USA Fencing, <i>All-Academic First Team 2021</i>	2021
National Mathematics & Science Competition, <i>1<sup>st</sup> 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

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 – Present

## Writing

Scholastic Art and Writing, <i>submitted essay titled “console.log(‘The Web that Won’t Hold’), received Regional Gold Key</i>	Dec 2021
EarthPlex, <i>published article titled “The Seaweed Threatening the Atlantic”</i>	Jul 2021

## Miscellaneous

**Technical Proficiencies:** Linux (NixOS and bspwm), JavaScript, React, Firebase, MongoDB, LaTeX, Docker

**Sports:** Fencing, Boxing