

Sean Li

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Education

Monte Vista High School 2017 – present

Current unweighted GPA is 3.98, weighted GPA is 4.45.

Diablo Valley College Aug. '19 – Dec. '19

Concurrent enrollment. A+ in Math 194 (lin. alg.).

University of California, Berkeley Jan. '20 – present

Concurrent enrollment. A+ in Math 104 (analysis), A+ in Math 250A (graduate abs. alg.).

Reference: Dr. Kenneth Ribet

Experience

MIT PRIMES-USA Researcher Jan. '20 – present

Currently conducting word avoidance research under PRIMES-USA 2020. First preprint at arXiv:2009.06080.

Reference: Dr. Tanya Khovanova

Youth EUCLID Association 2015 – present

President of 501(c)(3) for free STEM classes & contests. Raised \$25k & negotiated with Board of Education.

Previously treasurer and Math Practice class manager, founder 2015 – 2017

Pattern Avoidance Research 2018 – 2020

Researched massive pattern avoidance and Wilf equivalence. Transitioned into MIT PRIMES-USA project.

Reference: Dr. Simon Rubinstein-Salzedo

Diablo Vista MATHCOUNTS Program 2019 – present

President and lead mentor for top students in program.

Previously vice president in program. 2017 – 2019

Reference: Mrs. Rebecca Ingram

STEM Academy 2017 – present

Student advisor for competition math classes. Teach highest level, MA 4.5.

Previously taught MATHCOUNTS and AMC preparation classes. 2016 – May 2018

Reference: Mr. Jie Li

Selected awards and camps

Math Olympiad Program (MOP) June '18, '19, '20

Summer Program on Applied Rationality & Cognition (SPARC) July '19, '20

Canada/USA Mathcamp July 2018

Regeneron STS National Scholar January 2021

Shing-Tung Yau Mathematics Award Semifinalist October 2020

UC Berkeley Regents & Chancellor's Scholarship Finalist February 2021

MATHCOUNTS Scholarship Semifinalist February 2021

USA Junior Math Olympiad (USAJMO) Honorable Mention April 2018

Cal Invitational Oratory Quarterfinalist February 2021

Skills

LaTeX, Asymptote, Google Sheets/Excel, Python, Java, HTML, Blender

Last updated February 16, 2021