

Krishna Dhulipala

Website:
<https://kdhulipala41.github.io/mysite/>

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OBJECTIVE	<i>I am a senior at Monta Vista High School. I am looking for internship opportunities where I can use my math and computer skills to aid professors in their work and contribute to meaningful research, and for jobs where I can earn money for textbooks and other learning materials.</i>		
EDUCATION	Monta Vista High School, Cupertino, CA Grade 12 August 2016 - Present	GPA: 3.8	
TEST SCORES	SAT : 1540 SAT Mathematics Level II : 800 SAT Physics : 800		
TECHNICAL SKILLS	Languages : \LaTeX , Python Familiar : Matlab, Wolfram Mathematica General : Computation, Algorithms, Linear Programming		
ADDITIONAL ACTIVITIES	Stanford Summer Quarter (Math 51), Stanford, CA 8-week undergraduate level Stanford Summer Course in Linear Algebra, Multivariable Calculus, and Modern Applications June, 2019 - August, 2019 Analytic Number Theory, Mountain View, CA 10-week graduate-level course at "Euler Circle" taught by Dr. Simon Rubinstein-Salzedo April, 2019 - June, 2019 Ergodic Theory, Mountain View, CA 10-week graduate-level course at "Euler Circle" taught by Dr. Simon Rubinstein-Salzedo January, 2019 - March, 2019 University of Michigan: Special and General Relativity, Ann Arbor, MI Michigan Math and Science Scholars course in Special and General Relativity taught by Dr. Daniel Mayerson July, 2018 - August, 2018		
EXPOSITORY PAPERS	Applications of Fourier Analysis in Ergodic Systems Paper written under Dr. Simon Rubinstein-Salzedo for Ergodic Theory course at Euler Circle. Link: http://simonrs.com/eulercircle/ergodictheory/krishna-rushil-fourier.pdf March 18, 2019 Explicit Formulae For $\Psi(z)$ and $\pi(z)$ Paper written under Dr. Simon Rubinstein-Salzedo for Analytic Number Theory course at Euler Circle. Link: http://simonrs.com/eulercircle/analyticnt/krishna-explicit.pdf June 10, 2019		
HOBBIES AND INTERESTS	Videos on Mathematics and Physics I maintain a YouTube channel called "Math Hobo" where I regularly publish videos on mathematical and physical topics, including Calculus, Fourier Series, Measure Theory, Analytic Number Theory, and Ergodic Theory.		

Link: https://www.youtube.com/channel/UCd8hTfZHH_n0LqAocn8IXTw

November 2018 - Present

Jazz/Classical Piano, Mountain View, CA

I finished taking classical piano lessons at age 13, when I received the certified completion of level 10 by the Music Teacher's Association of California. I now play jazz piano at the Mountain View Community School of Music and Arts, where I participate in weekly lessons and jazz combos. I also play at performances and venues with the band I created with my friends.

January 2006 - Present

**VOLUNTEER
WORK**

STEM Tutor, Cupertino, CA

In the Monta Vista Study Buddy Tutor program, I teach students my age various STEM topics, including Geometry, Calculus, and Physics.

August 2017 - Present

Music for Senior Citizens, Sunny View Retirement Community, Cupertino, CA

Every Saturday, my friend, a saxophone player, and I, a pianist, play jazz for the senior citizens in the local retirement community. We play a variety of genres, such as swing, bebop, ballads, samba, ragtime, and fusion.

December, 2016 - January, 2019