

Krishna Dhulipala

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

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OBJECTIVE	<i>Seeking an internship where I can apply and improve my knowledge of computer science and programming (preferably in Go, Python, C, or C++).</i>
EDUCATION	Monta Vista High School , Cupertino, CA August 2016 - June 2020 University of California, Santa Barbara , Santa Barbara, CA <i>Second Year Mathematics Major at the College of Creative Studies</i> August 2020 - Present Unweighted Major GPA: 4.0
TECHNICAL SKILLS	Computer Languages : C, C++, Go, Python, \LaTeX , Wolfram Mathematica, MATLAB. General : Linear Programming and Optimization, Systems Programming, Computational Thinking, Debugging, Algorithms and Data Structures.
EXPERIENCE	Nebulon Inc. , Fremont, CA Software Development Intern in NebOS Group. <i>Worked on expanding compression options when downloading volumes from and uploading volumes to boot images, making uploads/downloads more resilient to power fails, and extracting host operating system information from downloaded boot LUNs.</i> December, 2020 - September, 2021
COURSES	Advanced Python, OOP in C++, Number Systems, Differential Equations, Linear Programming, Linear Algebra/Multivariable Calculus, Combinatorics, Discrete Math, Real Analysis, Complex Analysis, Probability, Abstract Algebra.
OTHER COURSES	Pure Mathematics Courses , Euler Circle, Palo Alto, CA <i>Six courses intended for advanced high-school students on graduate-level pure mathematics. The courses covered Cryptography, Analytic Number Theory, Ring Theory and Algebraic Geometry, Abstract Algebra, Ergodic Theory, and Infinite Series.</i> January, 2019 - July, 2020
EXPOSITORY PAPERS	The papers given in the link that follows were completed as independent research projects for each of the six Euler Circle courses I have attended. My papers can be found at https://kdhulipala41.github.io/mysite/ .
AWARDS	National Merit Commendation Letter of Commendation awarded for performance on the PSAT/NMSQT. 2018 District Winner in the National Piano Playing Auditions Passed the evaluating test for the Guild Auditions for the American College of Musicians. 2012 - 2016