Krishna Dhulipala

Website:
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OBJECTIVE

Seeking an internship for Summer 2022 where I can apply and improve my knowledge of computer science and programming (preferably in Go, Python, C, or C++).

EDUCATION

University of California, Santa Barbara, Santa Barbara, CA
Second Year Mathematics Major at the College of Creative Studies
August 2020 - Present   Unweighted Major GPA: 4.0

Monta Vista High School, Cupertino, CA
August 2016 - June 2020

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.
Worked on expanding compression options for boot images when downloading them to volumes. Also worked on making uploading and downloading boot images resilient to failures. Enhanced NebOS to extract host OS type and version information from boot images and update the cloud status for display to customers.
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
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.
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