

Curriculum Vitæ — Daniel Rostamloo

Email: rostam@uw.edu
Website: drostamloo.github.io

Research Interests

Arithmetic Algebraic Geometry and Moduli Theory

Education

2023 - Present **University of Washington**, *Graduate Study in Mathematics*

2019 - 2023 **University of California, Berkeley**, *B.A. Mathematics*

Honors & Awards

2022 **Summer Undergraduate Research Fellowship**, UC Berkeley

Selected Projects

Fall 2022 - Mathematics Honors Thesis

Spring 2023 *Advised by:* David Eisenbud

2021 - 2022 *Twenty-Seven*, an interactive mathematical sculpture depicting the Clebsch diagonal cubic surface

Advised by: Gabriel Dorfsman-Hopkins

Website: <http://www.gabrieldorfsmanhopkins.com/art/27lines.html>

Talks and Presentations

November 12, 2022 **Undergraduate Math Symposium**, University of Illinois Chicago.

Non-Vanishing Syzygies for Products of Projective Spaces

Teaching & Mentoring Experience

2022 - 2023 **Berkeley Undergraduate Mathmentoring Program**, Mentor

2021 - 2023 **Berkeley Math Circle**, Lecturer, Contest Writer, and Grader

Service & Outreach

2022 - Present **Bay Area Mathematical Olympiad**, Contest Writer and Remote Submission/Grading Coordinator

Summer 2022 Program Developer and Instructor at **Math for Daily Life**, a mathematics workshop for formerly incarcerated and socially reentering individuals. Supported by the *Building Opportunities for Self-Sufficiency* organization in Berkeley, CA.

Languages

Armenian (native)

English (fluent)

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