

Eric Binnendyk

Objective

A summer internship that makes use of my strong math and computer science skills.

Awards and Distinctions

2020 Goldwater Scholarship nominee
Tech Scholar - 3.95/4.0 GPA
National Merit Finalist
167 Math/165 English GRE
790 Math/700 English SAT

Skills

Programming

Python, Javascript, C,
MATLAB, Java, R, Linux,
Git

Math/data visualization

Maple, Excel, Tableau,
Wolfram Alpha

Writing/editing

LaTeX, HTML, CSS,
Microsoft Word,
OmniUpdate

Contact Information

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College:

PO Box 3477

Socorro, NM

87801

Home:

2253 Santa Ana

Las Cruces, NM

88011

Education

New Mexico Institute of Mining and Technology

BS, Mathematics/Computer Science double major, 5/2021

MS, Computer Science, 5/2022

Experience

Research assistant - Conducted research into named-data networking and smart grid security under the guidance of Prof. Jun Zheng. Surveyed current research and coded simulations of effective attack mitigation. (Summer 2020 - present)

Tutor - NMT Office for Student Learning - Tutored students on mathematics and computer science and oversaw test corrections. (Spring 2019 - present)

Grader - Graded assignments and tests for the NMT course Foundations of Computer Science. Maintained student records on Canvas. (Fall 2019)

Webmaster - Coordinated the migration of web pages from old templates to a new standard. Edited HTML/CSS and dealt with version control using OmniUpdate. (Summer 2018)

Competition volunteer - Acted as judge/supervisor at the New Mexico State science fair and State Science Olympiad. Assessed projects in the mathematical sciences and Solar System categories for middle and high school projects. (Spring 2018)

Other activities

NMT Cybersecurity Club - Participate in hands-on activities in computer security, networking, and other activities while learning about the role of cybersecurity in the modern world. (Fall 2019 - present)

NMT Student Research Symposium - Presented my research projects on stability in dynamical systems governed by ordinary differential equations (Spring 2019) and radical expressions for roots of unity (Spring 2020). One of two undergraduates invited as an oral presenter for the 2019 NMT SRS.

Putnam Mathematical Competition - Competed in this challenging undergraduate math competition, achieving scores in the top 12% in 2018 and in the top 22% in 2019.

