Eli C. Naig

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EDUCATION

Tulane University LA, 70118
B.S. in Mathematics, GPA: 3.95 2024 –2028

EXPERIENCE

Louisiana State University Baton Rouge, LA
RTG Summer Math Program Summer 2025

– Combinatorics, Hyperplane Arrangements & Matroids
– Conducted rigorous daily study of Stanley's *Hyperplane Arrangements*, delivering lectures on proofs, combinatorial properties (geometric lattices, Möbius functions), and open problems in a peer-led seminar.

SKILLS

- **Coding Languages:** SQL, R, Python, MatLab, Java Script, & Java

LANGUAGES

- **English:** Native
- **Chinese:** Conversational

SCHOLARSHIPS AND AWARDS

- Tulane Honors Scholar 2024–2028
- Deans List Tulane University Fall 2024
- Deans List Tulane University Spring 2025

EXTRACURRICULAR ACTIVITIES

- Vice President of Tulane Science Olympiad 2025–Current
  In charge of all logistics, web devlopment, and outreach.
- Trip Leader for Tulane Outdoor Adventures 2024–Current
  Detailed explanation of what you do at this club
- Founder of Math Circle At tulane Spring 2025 –Current

COURSES

- MATH-2210: Multivariable calculus   Fall 2024
- MATH-3660-03Sp25   Spring 2025
- MATH-2010: Math Modeling of World   Spring 2025
- MATH-3090: Linear Algebra   Spring 2025
- MATH-3000: Discrete Structures (UMSL)   Summer 2025

SELF STUDY

- Discrete Mathematics   Summer 2025
  Textbook: Discrete Mathematics and Its Applications, By Kenneth Rosen (link)

PERSONAL DEVELOPMENT

- Machine Learning Onramp   Dec 2024
  Completed the Machine Learning Onramp by MathWorks, gaining hands-on experience with fundamental machine learning concepts, algorithms, and MATLAB applications.
- Google AI Essentials   Dec 2024
  Acquired foundational knowledge in AI, including machine learning, data science, and ethical AI practices, with practical insights into real-world applications.
- Google Data Analytics Certification   Mar 2023
  Developed strong skills in Microsoft Excel, SQL, Tableau, and R. Gained expertise in preparing, processing, analyzing, and sharing data to drive informed decision-making.