Mathias Nguyen-Van-Duong

551-264-6037 | mathiasnvd07@gmail.com | [LinkedIn](#) | [mathiasnvd.com](#)

EDUCATION

Princeton University   Princeton, NJ
GPA: N/A, Mathematics major   *Sept. 2025 – May 2029*

Ridgewood High School   Ridgewood, NJ
GPA: 4.53 (4.0 UW), Valedictorian (1/449), ACT 36   *Sept. 2021 – June 2025*

EXPERIENCE

Applied Engineering Club   2021 – 2025
Co-president, Team Leader   *Ridgewood, NJ*
- Created team to develop **InfoBand** product and competed at NJ STEAM Tank & Thomas Edison Pitch.

National History Day Club   2023 – 2025
Co-president   *Ridgewood, NJ*
- Collaborated to help each other prepare for our annual NHD competition, conducting relevant **research**.
- Presented a documentary on imaginary numbers in electrical engineering at Regionals at Monmouth University.

Boy Scouts   2014 – 2025
Eagle Scout Rank   *Ridgewood, NJ*
- Leadership positions: **Senior Patrol Leader**, Instructor, Webmaster, Assistant Patrol Leader.

Rowing (Ridgewood Crew)   2021 – 2025
JV/Varsity, Bow/Coxswain   *Ridgewood/Lyndhurst, NJ*
- Placed 4th in the state twice in the JV 8+ as a sweeper and coxswain & competed at **nationals**.

Math Club   2021 – 2025
Team Captain   *Ridgewood, NJ*
- Discussed challenge problems, competed in friendly competitions, and learned concepts like Bertrand's Paradox.

RECENT PROJECTS

InfoBand | *Dart, Flutter, NFC, Git*   Oct. 2023 – Jun. 2025
- Developed flutter-based app for InfoBand & 3D-printed wearable interactive NFC-embedded bracelet.
- Aids communication between volunteers and those with special needs, along with nonverbal people in emergencies.

RHS Student App | *Dart, Flutter, Git, RHS API*   July 2023 – Present
- Collaborated on the RHS App, the **official app** of Ridgewood High School for students, teachers, and parents.
- Allows students to check class schedules, view absent teachers, and view daily announcements.

Streakfit | *Dart, Flutter, Figma, Git*   July 2024 – Jun. 2025
- Gamified fitness app and start-up utilizing habit-building reward systems to encourage users to work out.
- Led international team of 4 at **MIT's LaunchX** entrepreneurial program and fundraised **$200** to develop MVP.

Swappa Listing Alerts | *JavaScript, GCP, Regex, MacroDroid API*   June 2024 – July 2024
- A webhook-macro automation that dynamically delivers Swappa notifications to Android devices in real-time.

Row City | *Dart, Flutter, Web scraping, Git*   Apr. 2024 – Jun 2024
- Created a unified regatta results app, providing a more comprehensive view of live rowing data via web scraping.

AWARDS

PSAT/NMSQT National Merit Scholarship Winner   Feb. 2025
- Scored a perfect PSAT to become semi-finalist. Eventually, of the 15,000 finalists, 2,500 get the $2500 scholarship

Eagle Scout Award   Jan. 2025
- Eagle Project: Led scouts & raised **$650** to build picnic tables for the New Day Program, where I volunteer.

New York Times "Where We Are" Photo Essay Contest Finalist   June 2024
- An NYT Contest where I composed a photo essay documenting the local community of my rowing team.

AIME Qualifier   Dec. 2023
- Competitors must take the AMC and perform within the top 2.5% of AMC 10 and 5% of AMC 12 test takers.