

# Mathias Nguyen-Van-Duong

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## EDUCATION

### Princeton University

GPA: X.XX, Operations Research and Financial Engineering major

Princeton, NJ

Sept. 2025 – May 2029

### Ridgewood High School

GPA: 4.53 (4.0 UW), Valedictorian (1/449), ACT 36

Ridgewood, NJ

Sept. 2021 – June 2025

## EXPERIENCE

### Applied Engineering Club

Co-president, Team Leader

2021 – Present

Ridgewood, NJ

- Created team to develop **InfoBand** product and competed at NJ STEAM Tank & Thomas Edison Pitch.

### Computer Club

President

2021 – Present

Ridgewood, NJ

- Partnered with the global nonprofit network **Hack Club** and received grants for our competitions and activities.

### Math Team

Team Captain

2021 – Present

Ridgewood, NJ

- Competed at BCML, NJML, AMC, and AIME (I was 1 of 4 in school of 1800 to qualify for AIME).

### Mathnasium Tutor

Math Instructor

2024 – Present

Wyckoff, NJ

- In charge of a table of 3-6 kids from 2nd grade to high school that I help out and tutor.

## RECENT PROJECTS

### InfoBand | Dart, Flutter, NFC, Git

Oct. 2023 – Present

- 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 – Present

- 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.

## 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.

### 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.

### 2x Gold and 1x Bronze President's Volunteer Service Award

2022, 2023, 2024

- For Young Adults, 100–174 hours are required for Bronze, 175–249 hours for Silver, and 250+ hours for Gold.

## SKILLS & INTERESTS

Skills: Bowing, Sweeping, Coxing, Java, C, Dart, Figma, VS Code, React JSX, CSS, Git, web scraping, French, Korean

Interests: Rowing, Bouldering, Reverse-engineering iMessage, Linguistics, Chess, Lifting, Cubing, GeoGuessr, Minecraft