

# Mathias Nguyen-Van-Duong

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## EDUCATION

<b>Princeton University</b> <i>Operations Research and Financial Engineering major</i>	Princeton, NJ Sept. 2025 – May 2029
<b>Ridgewood High School</b> <i>Valedictorian (1/449), ACT 36</i>	Ridgewood, NJ Sept. 2021 – June 2025

## EXPERIENCE

<b>Applied Engineering Club</b> <i>Co-president, Team Leader</i> <ul style="list-style-type: none"><li>Created team to develop <b>InfoBand</b> product and competed at NJ STEAM Tank &amp; Thomas Edison Pitch.</li></ul>	2021 – Present Ridgewood, NJ
<b>Computer Club</b> <i>President</i> <ul style="list-style-type: none"><li>Partnered with the global nonprofit network <b>Hack Club</b> and received grants for our competitions and activities.</li></ul>	2021 – Present Ridgewood, NJ
<b>Math Team</b> <i>Team Captain</i> <ul style="list-style-type: none"><li>Competed at BCML, NJML, AMC, and AIME (I was 1 of 4 in school of 1800 to qualify for AIME).</li></ul>	2021 – Present Ridgewood, NJ
<b>Mathnasium Tutor</b> <i>Math Instructor</i> <ul style="list-style-type: none"><li>In charge of a table of 3-6 kids from 2nd grade to high school that I help out and tutor.</li></ul>	2024 – Present Wyckoff, NJ

## RECENT PROJECTS

<b>InfoBand</b>   <i>Dart, Flutter, NFC, Git</i> <ul style="list-style-type: none"><li>Developed flutter-based app for InfoBand &amp; 3D-printed wearable interactive NFC-embedded bracelet.</li><li>Aids communication between volunteers and those with special needs, along with nonverbal people in emergencies.</li></ul>	Oct. 2023 – Present
<b>RHS Student App</b>   <i>Dart, Flutter, Git, RHS API</i> <ul style="list-style-type: none"><li>Collaborated on the RHS App, the <b>official app</b> of Ridgewood High School for students, teachers, and parents.</li><li>Allows students to check class schedules, view absent teachers, and view daily announcements.</li></ul>	July 2023 – Present
<b>Streakfit</b>   <i>Dart, Flutter, Figma, Git</i> <ul style="list-style-type: none"><li>Gamified fitness app and start-up utilizing habit-building reward systems to encourage users to work out.</li><li>Led international team of 4 at MIT's <b>LaunchX</b> entrepreneurial program and fundraised <b>\$200</b> to develop MVP.</li></ul>	July 2024 – Present
<b>Swappa Listing Alerts</b>   <i>JavaScript, GCP, Regex, MacroDroid API</i> <ul style="list-style-type: none"><li>A webhook-macro automation that dynamically delivers Swappa notifications to Android devices in real-time.</li></ul>	June 2024 – July 2024

## AWARDS

<b>PSAT/NMSQT National Merit Scholarship Winner</b> <ul style="list-style-type: none"><li>Scored a perfect PSAT to become semi-finalist. Eventually, of the 15,000 finalists, 2,500 get the \$2500 scholarship</li></ul>	Feb. 2025
<b>Eagle Scout Award</b> <ul style="list-style-type: none"><li>Eagle Project: Led scouts &amp; raised <b>\$650</b> to build picnic tables for the New Day Program, where I volunteer.</li></ul>	Jan. 2025
<b>AIME Qualifier</b> <ul style="list-style-type: none"><li>Competitors must take the AMC and perform within the top 2.5% of AMC 10 and 5% of AMC 12 test takers.</li></ul>	Dec. 2023
<b>2x Gold and 1x Bronze President's Volunteer Service Award</b> <ul style="list-style-type: none"><li>For Young Adults, 100–174 hours are required for Bronze, 175–249 hours for Silver, and 250+ hours for Gold.</li></ul>	2022, 2023, 2024

## SKILLS & INTERESTS

**Skills:** Bowling, 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