

# MAYA RAMASWAMY

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## EDUCATION

**Northwestern University** | Evanston, IL, Class of 2027

- Major in Mechanical Engineering, Minor in Computer Science
- GPA - 3.9/4.0 Scale (Honor Roll)
- Completed Courses | General Chemistry 151, MATLAB, Linear Algebra, Multivariable Calculus, Design Thinking and Communication, Statics, Presentation of Data, Computer Science 111, Materials Science, Dynamics, Career Development

## HONORS & AWARDS

- Won the Scholastic Regional Silver Award for Writing, Honorable Mention for Digital Art | *100,000 teens competed with 260,000 entries.*
- Won the National Council of Teachers of English Award for Best & Themed Writing | *266 juniors across the US were nominated to compete.*
- Won a \$2500 STEM scholarship program to build next generation electric vehicle | *One of 30 girls out of 200 applicants selected across Chicago.*

## LEADERSHIP EXPERIENCES

**SWE (Society of Women Engineers)** | *Outreach Leader, Sep 2023*

- Organized workshop events for K-12 students to encourage young girls to pursue engineering. Promoted Career Day events and designed student and faculty panels to enable inclusivity within the STEM field.

**The Women's Network** | *Campus Ambassador, Aug 2023*

- Organized portfolio building and ambition redefining workshops to promote inclusivity in networking.

**Northwestern Asian Magazine (nuAZN)** | *Staff Writer and Member of Corporate Team, Sep 2023*

- Published articles to celebrate the diverse experiences of the Asian community. Partnered with local businesses to procure ad space and generate printing funds.

**Safe Security** | *Marketing Director & Web Developer, Dec 2023*

- Developing websites to drive awareness and expand accessibility to cybersecurity knowledge articles across Northwestern.

## DESIGN PROJECTS

**TealTie** | *Co-Founder and Web Developer, Jan 2023*

- TealTie is a clothing start-up co-founded by me and my sister dedicated to addressing sexual assault prevention through impactful designs. Self-taught Shopify developer and designed our website ([www.tealtie.com](http://www.tealtie.com)).

**MagnEATo** | *Team Member, Sep 2023*

- Partnered with Shirley Ryan Ability Lab to design an innovative cutting board to enable stroke-survivors with limited mobility to stabilize ingredients and make a sandwich with one hand. Learned design thinking techniques via this project.

**IPX7 Sealing Test Apparatus** | *Engineering Intern, Sep 2023*

- Designed a meter-long test fixture with machined testing plates to conduct an IPX7 waterproofing test for my company's coated fasteners. Constructed both the test fixture and a test procedure, analyzed SPECS, and wrote a formal report for consumers.

## WORK EXPERIENCE

**Nylok LLC – A Berkshire Hathaway Company** | *Engineering Intern, June 2024- Dec 2024*

- Tested fastener coatings by designing and manufacturing testing apparatus and testing procedures; recruited and led a task force to market our tradeshow equipment

**Hanger Orthotics and Prosthetics Clinic** | *Job Shadower, May 2021- May 2023*

- Learned about root-cause analysis and interview techniques by observing patients facing issues with mobility and function.

## CERTIFICATIONS

- MATLAB Certification | Vanderbilt University
- On-Shape CAD Certification | LinkedIn Learning
- Shopify Training Certification | LinkedIn Learning

## SPECIAL SKILLS

**Technical Skills:** MATLAB, Basic Programming Skills, Shopify, Microsoft Excel, Microsoft PowerPoint, Tableau, Canva, Python

**Soft Skills:** Process-oriented, creative/artistic, driven, disciplined, self-learner, empathetic/thoughtful, collaborator, leader, kind-hearted

**Languages:** English (native proficiency), Spanish (advanced proficiency); Tamil (conversational proficiency)