

# Ananyaa Nagarsheth

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## EDUCATION

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**University of Illinois at Urbana-Champaign, Grainger College of Engineering**  
Bachelor of Science in Materials Science and Engineering

*Expected Graduation: May 2026*  
Cumulative GPA: 3.28/4.00

•GFX Research Scholar, Professional Materials Science Honors Fraternity-Keramos

## WORK EXPERIENCE

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### The Grainger College of Engineering

*August 2023 – Present*

#### CBTF Proctor

- Maintaining a secure testing environment by vigilantly monitoring test-takers, preventing cheating, and enforcing testing protocols
- Provided technical assistance to test-takers, troubleshooting computer issues, and ensuring a seamless testing experience
- Managed check-in/check-out procedures, maintained accurate records, and coordinated with testing administrators to facilitate a smooth and efficient testing process

### Shree Mahavir Engineering Works

*June 2022 – August 2022*

#### Engineering Intern

- Collaborated effectively in machine setup and quality control, optimizing production workflows for top-quality output
- Developed advanced skills in Solidworks for precise 3D modeling and engineering design
- Gained hands-on experience operating CNC machines, and learned the process of subtractive manufacturing
- Gained comprehensive knowledge of the company's textile machinery manufacturing operations, including automation, as well as insights into its financial aspects

## PROJECTS

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### Foot Lightning

*January 2023- March 2023*

#### Engineering Open House (EOH)-Grainger College of Engineering

- Worked in a group and designed, constructed, and optimized a working circuit that harnesses compressive force on piezoelectric disks to generate alternating current which lit up a lightning bolt LED
- Developed and implemented an interactive exhibit showcasing the practical application of piezoelectric materials in electricity generation
- Achieved Third Place in the Most Outstanding Freshman Exhibits category

## EXTRACURRICULAR ACTIVITIES

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### Project Vidya

*May 2021-June 2021*

#### Co-founder, Ahmedabad

- Launched a crowdfunding campaign and raised over Rs. 50000 (INR) to support a local NGO dedicated to enhancing education opportunities for students with disabilities

### Project Greenite

*May, 2021 – June 2021*

#### Co-founder, Ahmedabad

- Made over 150 bags from recycled newspapers and distributed among local vendors to promote sustainability

## SKILLS AND STRENGTHS

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- Intermediate Programming Skills (HTML, Python, MATLAB) | Excel, PowerPoint, Word | CAD (Solidworks)
- Teamwork, Communication, Leadership, Research, Organisation
- Languages: English, Hindi, Gujarati.