



Aariz Noorani

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Education

Georgia Institute of Technology

Expected Graduation: May 2029

Bachelor of Science in Mechanical Engineering

- **Clubs:** HyTech Racing

Kennesaw State University

Attended August 2025 - Transferred May 2026

Mechanical Engineering Coursework | GPA: 4.0/4.0

- **Clubs & Honors:** KSU Motorsport; President's List

Skills

- **CAD & Design:** SolidWorks, AutoCAD, Onshape, 3D Modeling, Engineering Drawings, Dimensional Tolerancing
- **Programming & Software:** Python, Java, JavaScript, HTML, Excel, GitHub, Unity, Visual Studio Code; basic familiarity with C, C#, C++
- **Technical Skills:** Composite Fabrication, Carbon Fiber Layup, Prototyping, Mechanical/Electrical Troubleshooting
- **Languages:** English (native), Hindi (limited working proficiency), Spanish, German (beginner proficiency)
- **Relevant Coursework:** Statics, Engineering Graphics, Physics I & II, Calculus I–III, Differential Equations

Engineering Experience

KSU Motorsports

August 2025 - May 2026

Vehicle Dynamics & Composites Member

- Designed sensor brackets using dimensional tolerancing to maintain 0.01 mm accuracy during high-g cornering and maneuvers
- Performed composite layups to manufacture carbon fiber panels for a lightweight and strong vehicle body
- Developed CAD through assembly-driven design in SolidWorks to ensure accurate fit and safety-rules-compliant parts

Work Experience

III Liquidation and Furniture Store

May 2026 - Present

Operations & Systems Manager

- Built and maintained an inventory system tracking \$200K+ in products, invoices, pricing, and international shipments
- Used AI tools to streamline product listings, website content, and digital marketing for a website receiving 100K+ visits
- Communicated with hundreds of potential customers, managed large rental inquiries and contracts, and generated \$2,500+ in additional sales

Atlanta Biomedical Corporation

January 2025 - April 2026

Lead Software Developer (Sep. 25 - Apr. 26)

- Developed an ASCII interpreter that precisely automated decoding, eliminating hours of manual processing
- Employed modular functions, creating an easily readable program that interprets over 35 different functions of ASCII
- Implemented CRC validation and invalid-line detection to identify corrupted data and support FDA-compliant outputs

Repair Technician (Jan. 25 - May 25)

- Diagnosed, serviced, and repaired 30+ enteral feeding machines, performing mechanical/electrical troubleshooting to restore units for clinical use in infant urgent care

Projects & Leadership Experience

Technology Student Association, GSMST

August 2021 - May 2025

Team Member (Aug. 21 - May 23), Team Leader (Aug. 23 - May 25)

- Constructed a self-propelled airplane optimized for prolonged flights, increasing flight time by 10x over previous designs
- Led collaborative development of several prototypes, CAD models, and scaled engineering drawings