

Parth Patel

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EDUCATION

Georgia Institute of Technology, College of Engineering
Bachelor of Science in Mechanical Engineering

Atlanta, Georgia

Expected Graduation: May 2026

- Zell Miller Scholar, Strategy and Innovation Concentration, IFC Judicial Board Member, Fall 2025 Dean's List (GPA: 3.4)

EXPERIENCE

Summit Capital Investment Group LLC

Lawrenceville, Georgia

Owner and Real Estate Developer

Mar 2022 – Aug 2025

- Raised \$12M and exited on a public-private initiative, building LEED Certified housing for essential workers in Vail, CO
- Utilized investment platform to enter and exit Turo/Airbnb rental strategies, with an average \$150k/year net profit, through a try before you buy model based on an integrated app and website (Fyecar/Fyerentals)

Coldwell Banker Mountain Properties

Vail, Colorado

Developer Assistant and Transaction Coordinator

August 2023 – May 2025

- Worked in a high-paced ski town market at a Global Luxury Certified office gaining hands-on experience in marketing, transaction support, and client relations while supporting and notarizing \$375M in sales/contracts
- Managed development planning and entitlement workflows by overseeing regulatory filings and title documentation

Siemens Healthineers

Cary, North Carolina

Project Management (Business Development) Intern

May 2022 – Aug 2022

- Worked on the development of a lab diagnostics product (Siemens Attelica) for faster turnaround in immunoassay testing
- Tracked the deployment and logistics of this solution being shipped to over 70 countries utilizing Tableau and PowerBI

EY- Parthenon

New York, New York

Strategy & Transactions Winter Intern

Jan 2022 – May 2022

- Supported buy-side M&A due diligence for a Fortune 500 client in the technology sector to evaluate acquisition viability
- Developed integrated DCF and synergy models to evaluate pro forma target valuation and identify EBITDA adjustments

McKinsey & Company

Atlanta, Georgia

Knowledge Analyst (Design-to-Value Lab)

Jan 2021 – Dec 2021

- Conducted product teardowns to identify optimization opportunities with an average of 25% reduction in COGS for clients
- Built should-cost models for purchased products by combining engineering, manufacturing, and business knowledge
- Generated product ideas for clients in consumer and industrial sectors by applying comparative design and benchmarking

The Home Depot

Atlanta, Georgia

Global Brand and Product Development Engineer Co-op

Jan 2020 – Dec 2020

- Worked alongside Shaw and Mohawk Ind. to develop new test methodologies for carpets and flooring that are overall 22% more time efficient during onboarding of new products, resulting in \$32 million saved in yearly testing costs
- Conducted product quality assessments and updated Flex PLM workflow to ensure compliance with SOPs and contracts
- Proposed new product and strategic solutions based on technical performance tested in-house at product engineering lab

PROJECTS

Create-X at Georgia Tech

Atlanta, Georgia

Idea-to-Prototype and Capstone Design

Aug 2025 – Present

- Leading the design and integration of an autonomous counter-UAS swarm system for threat detection and kinetic intercept
- Developing a ground station using dual sensing (computer vision + doppler radar) to guide the drone swarm against threats

InspireNC (501c3)

Raleigh, North Carolina

Co-Founder and Director

July 2017 – Dec 2020

- Established a 9,000 square foot community STEAM workspace and peer-mentor system in the Research Triangle Park Area
- Raised over \$750,000 in organizations through grants, advocacy, and crowdfunding and increased membership from 0 to 75
- Filed initial nonprofit charter and established partnerships with FIRST NC and MIT Zero to establish robotics teams

Georgia Tech Lab for Ultrasonic Non-destructive Testing

Metz, France

Research Assistant to Dr. Declercq

May 2019 – Aug 2019

- Tested metal plates for ship hull defect detection using acoustic transducers to process ultrasonic waves in MATLAB
- Assisted in proposal writing for securing a \$350,000 ONR grant for defect detection in Navy warships

SKILLS/INTERESTS

Technical: MATLAB, Simulink, Python, BASIC, EES, LabVIEW, Maple, JIRA, PowerBI/PowerApps, Tableau, Flex PLM

Creative: Microsoft Office, Vicon Motion Capture, Final Cut Pro X, Cyberlink Suite, Adobe CC Suite, Solidworks Suite

Languages: Gujarati (Fluent second language), Hindi (Advanced), French (Working Proficient), Spanish (Elementary)

Additional Skills: Project and Risk Management, Data and Statistical Analyzing, Human-Computer Interaction, Agile, CRM

Personal Interests: Mountaineering, Backcountry Skiing, DJI Drone Video, Sound Design, Japanese Import Cars, Formula 1