



# Anirudh Tatikonda

Georgia Institute of Technology, Atlanta, GA | Class of 2025

B.S. in Industrial & Systems Engineering - Analytics & Data Sci.

Minor in Microeconomics of Strategic Analysis (MESA)

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## EDUCATION

GPA	Degree	Institute	Distinction	Year
3.68	B.S. + Minor	Georgia Institute of Technology	Summa Cum Laude	2021 - 2025
4.43	H.S. Diploma	Lambert High School	Summa Cum Laude	2017 - 2021

## EXPERIENCE

- CapTech Ventures, Inc.** May - Aug, 2024  
*Management Consulting - Product Manager, Business Systems Analyst* Richmond, VA
  - Directed a multidisciplinary team of 10 consultants to deliver a digital & data-driven transformation for an airline
  - Led E2E developments of a website, ETL pipeline, executive dashboard, AWS protocols, & an AI-powered chatbot
  - Integrated Agile methodologies (Jira, Kanban) to streamline team collaboration and structure project workflows
  - Developed 6 change acceleration resources, 3 strategic product roadmaps, and 3 competitive membership initiatives
- United Airlines | Project 2 - Airplane Parts Maintenance & Delivery Optimization** May - Jun, 2023  
*Transformation & Process Optimization - Data Scientist, Consultant* Chicago, IL
  - Deciphered airplane parts decision flow network, identifying departmental gaps & reducing cross-dept. dependencies
  - Discovered 8 optimization opportunities, producing 3 key Kaizen root-cause analyses spanning all 6 Tech Ops depts.
- United Airlines | Project 1 - Jet Boarding Process Improvement** Jan - May, 2023  
*Transformation & Process Optimization - Data Scientist, Consultant* Chicago, IL
  - Accelerated passenger jet boarding rates by 22% nationwide by enabling the addition of Boarding Group 6 (WILMA)
  - Reduced delayed aircraft departures by identifying & eliminating over 95% of onboard catering cart inefficiencies
  - Empowered 2023 Q2 KPIs and refreshed United knowledge base by benchmarking & hypothesis-testing at O'Hare
  - Boosted 7 United hub operations by enabling 400+ critical observations via deployment of an MS applications tool
- Ireland Study Abroad Program** May - Aug, 2022  
*University College Dublin - Georgia Institute of Technology Undergraduate* Dublin, Ireland
  - Broadened global outlook via travel to London, Edinburgh, Brussels, Amsterdam, Milan, Rome, Belfast, & Dublin

## LEADERSHIP & SERVICE

- 2x Undergraduate Teaching Assistant**, Georgia Institute of Technology Aug - Dec, 2024
  - Mentored 20+ students in refining startup projects & applying customer discovery practices to succeed in markets
  - Instructed 70+ students in parameter estimation, statistical reasoning, variance testing, & probabilistic modeling
- State Lieutenant Governor**, Circle K International, Georgia District Apr, 2022 - Present
  - Managed 5 collegiate service organizations in Georgia (UGA, Emory-Oxford, KSU, GSU Perimeter, & Reinhardt)
  - Boosted divisional membership by 21%, led 6 district membership conventions, & directed 2 officer training sessions

## PROJECTS

- Interventional Radiology Patient Process Optimization | Emory University Hospital** May - Dec, 2024  
*ISYE 4106 (Senior Design)* Atlanta, GA
  - Optimized IR operations to increase daily patient capacity by 2.5 & reduce mean procedure duration by 24 minutes
  - Applied Simio simulation modeling & R-based data analysis to improve patient transportation performance by 5%
- Alzheimer's Disease Detection Algorithm | Georgia Institute of Technology** Jan - May, 2024  
*CS 4641 (Machine Learning)* Atlanta, GA
  - Developed holistic machine learning models to accurately detect Alzheimer's disease presence in patient brain scans
- Data-Driven COVID-19 Vaccine Development Acceleration | Georgia Institute of Technology** Jan - May, 2024  
*ISYE 4034 (Decision & Data Analytics)* Atlanta, GA
  - Created a five-factor decision model to forecast locations likely to have high disease incidence to test vaccine trials

## SKILLS

- Technical:** C#, CSS, Git, Gurobi, HTML, Java, JavaScript, Jira, Jupyter Notebook, Lean Six Sigma, Machine Learning, Microsoft Excel, Microsoft Power Apps, Microsoft PowerPoint, Microsoft Visio, MySQL, NumPy, Pandas, Python, R, Simio, SQL
- Business:** Agile, Change Management, Cross-Functional Collaboration, Current State Assessment, Data Analytics, Management Consulting, Predictive Modeling, Operational Strategy, Process Improvement, Project Management, Regression Analysis, Stakeholder Engagement, Statistical Analysis, Strategic Planning, System Integration, Team Leadership, Workflow Optimization