

# Vishal Luthra

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## EDUCATION

### Georgia Institute of Technology

Major: Computer Science | College of Computing

Unweighted GPA: 4.0/4.0

Atlanta, GA

May 2029

### Eisenhower Middle/High School

Unweighted GPA: 3.99/4.00 | Class Rank: 1/190

New Berlin, WI

June 2025

Certifications: Comp TIA A+, Comp TIA Net+, Meta Front-End Developer

## PROFESSIONAL EXPERIENCE

### Leadership Initiatives International Internship

Virtual

Data Analytics Research Intern

August 2024 – March 2025

- Worked closely with public health experts to contribute to data-driven projects focused on health outcomes in Nigeria
- Conducted in-depth research on regional health challenges and applied analytical methods to analyze collected data
- Developed attention to detail and critical thinking skills while interpreting survey data to support impactful health strategies

### Eddie's Gaming Computers and Repair

Greenfield, WI

Technology Technician Intern

June 2024 – June 2025

- Collaborated with and shadowed a technology shop owner to gain hands-on experience in device maintenance and repair
- Analyzed various technical challenges across different electronic devices and developed approaches to troubleshooting
- Acquired a deeper understanding of the technology repair process while improving efficiency in handling equipment

## LEADERSHIP & INVOLVEMENT

### Data Science @ GT

Atlanta, GA

RoboInvesting Team Lead

Jan 2026 – Present

- Serving on AI-Persona Team focused on user interactions and decision-making to simulate the movement of stock market
- Analyzing behavior scenarios and patterns of Mohnish Pabrai to convert data into persona development and system responses

### Data Science @ GT

Atlanta, GA

External Affairs Team

Jan 2026 – Present

- Secure sponsorships and financial contributions from companies to support Hacklytics operations and club initiatives
- Represent Data Science @ GT at events to build professional relationships and expand the club's external presence

### ACT Car Simulator

Atlanta, GA

Student Researcher

Jan 2026 – Present

- Contributing to the design of incentive recommendation systems to shift personal vehicle users to sustainable modes
- Using data analytics & modeling to personalize based on user profile, and incorporate dynamic elements (weather/traffic)

### Technology Consulting Group (TCG)

Atlanta, GA

Client Consultant

December 2025 – Present

- Contributing to client projects through research, analysis, and teamwork while developing consulting frameworks
- Collaborating with team members to deliver high-quality solutions across a range of clients to drive measurable outcomes

## INDEPENDENT PROJECTS

### Kettle Moraine School District Analysis (R)

Kettle Moraine, WI

- Analyzed educational data (2016-2024) to identify pressing trends across all elementary, middle, and high schools
- Cleaned, organized, and transformed raw datasets using R and Google Sheets to prepare for data analysis and visualization
- Created diverse graphs, including line plots, bar charts, bubble charts, and heatmaps, to find trends in multiple metrics
- Interpreted trends in student achievement, growth scores, open enrollment, and disability proportions into a detailed report

### Kumon Student Attendance Tracking Program

New Berlin and Brookfield, WI

- Addressed a problem introduced by my boss, where she would frequently forget how long students were spending in class
- Developed a Google Sheets program that scans students' unique barcodes to check them in and out of class
- Utilized color-coded timers to identify students needing additional help based on their length of time in class
- The program is currently in use at two Kumon centers, demonstrating its effectiveness in enhancing student performance

### Custom PC Hardware Projects

New Berlin, WI

- Designed and assembled custom PCs to enhance performance and meet specific user needs, such as their budget
- Researched components and optimized configurations for various applications, such as gaming and graphic design
- Collaborated with peers to troubleshoot and refine builds, improving problem-solving skills and technical knowledge
- Shared insight with others interested in hardware, fostering a community of tech enthusiasts and encouraging collaboration