

# Tejas Vermani

Stamford, CT | (203) 979-2084 | tejasvermani@gmail.com | linkedin.com/in/tejasvermani | U.S Citizen

## Education

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### Georgia Institute of Technology | Atlanta, GA

August 2021 – December 2024

Candidate for Bachelor of Science, Computer Science

Concentration in Intelligence, Modeling and Simulation

Major GPA: 4.0

## Work Experience

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### Wakefern Food Corporation

June – August 2022

Software Engineering Intern

Edison, NJ

- Using Java & JSP, updated procedures enabling notification functionality and error handling for POS application.
- Refactored existing code, increased efficiency, restricted edit access, and build large data set testing systems.
- Developed training module for data entry employees on use of POS Dashboard/application.

### Strictly Accounting, CPA

Jan – June 2021

Accounting, Data Intern

Stamford, CT

- Completed tax returns for individuals and local businesses during tax season
- Utilized Microsoft Excel to create templates for standard tax returns
- Collected and analyzed data on clients of the firm to increase market penetration

## Projects

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### Autonomous and Connected Transportation (ACT) Driving Simulator

Aug 2022 - Current

- Studied state-of-the-art in multi-objective optimization solution algorithms
- Modeled multi-objective problems and developed appropriate solution methods given data
- Programmed labor rotation cost optimization model, minimizing costs

### Frintz

May 2018 – Aug 2019

- Utilized Swift to implement the back-end functionality for iOS
- Architected a service application leveraging Optical Image Recognition for targeted advertising
- Utilized JavaScript and React to enhance the front-end functionality of the product website

## Organizations

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### Data Science @ Georgia Tech

Aug 2022 - Current

- Participated in boot camp, covering Python, Pandas, NumPy, and Machine Learning topics

### GreyHat

Sept 2021 – Feb 2022

- Participate in Georgia Tech's Cybersecurity club, focused on analyzing, exploiting, and defending computer systems
- Competed in Capture-The-Flag hacking competition, working to maintain control of a server

### National Honors Society | President | Westhill High School

Sept 2020 - May 2021

- Transitioned the "Period 8" tutoring program to a virtual environment, increasing participation by 85%.
- Organized 96 tutors and over 200 students throughout the school year

## Awards

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Dean's List – Georgia Institute of Technology (Fall, Spring 2021)

## Skills

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**Programming Languages:** Java, Python, C, C++, SQL, JSP, React JS, JavaScript, HTML5, CSS, Swift

**Technologies:** Spring Boot, GitHub, MySQL, IntelliJ, Visual Studio Code, XCode, Word, Excel, PowerPoint, Google Colab

**Languages:** English (native), Hindi (fluent), Spanish (intermediate)

**Equity Trading:** Stocks, Exchange Traded Funds, Bonds, Mutual Funds, Derivatives, Options, Swaps

**Relevant Courses:** Robotics and Perception, Comp. Org. and Programming, Object-Oriented Programming, Data Structures and Algorithms, Discrete Math, Linear Algebra