

Tejas Vermani

Stamford, CT | (203) 979-2084 | tejasvermani@gmail.com | tvermani13.github.io/professional-portfolio

Education

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

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 built 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

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

Campus Discovery @ Georgia Tech

Aug 2022 – Dec 2022

- Created a web application that allows Georgia Tech affiliates to view, create, and register to attend events on campus
- Used React JS to implement RESTful web architecture, and Google Maps API to create interactive map of events
- Used Firebase as backend to store user and event data, and send and receive said data to and from front-end

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

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

Awards

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

Skills

Programming Languages: Java, Python, React JS, Spring Boot, C, Assembly, C++, SQL, JavaScript, HTML5, CSS, Swift, Git

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, Computer Organization and Programming, Object-Oriented Programming, Data Structures and Algorithms, Discrete Math, Linear Algebra