

# Suraj Geddam

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## EDUCATION

### Georgia Institute of Technology

Atlanta, GA

*MS in Machine Learning - GPA: 3.83/4.0*

*May 2025*

- **Relevant Coursework:** Machine Learning, Knowledge-Based AI, Computer Vision, Deep Learning

### Georgia Institute of Technology

Atlanta, GA

*BS in Computer Science - GPA: 4.0/4.0*

*May 2024*

- **Relevant Coursework:** Design & Analysis-Algorithms, Embodied Intelligence, Advanced Info Management, Data Structures & Algorithms, Objects & Design, Systems & Networks, Computational Complexity

## EXPERIENCE

### Software Engineering Intern

May 2024 – Aug 2024

*Fiserv*

*Alpharetta, GA*

- Created an end-to-end API within the existing platform, incorporating unit and integration testing.
- Located discrepancies between CAT and PROD DML configurations using Java Spring Boot.
- Constructed implementations of entities, repositories, service, and controller classes to maintain system integrity.

### Software Engineering Intern

May 2022 - Aug 2022, May 2023 - May 2024

*Cox Automotive*

*Atlanta, GA*

- Spearheaded 250+ hours of research on OCI services and presented potential use cases to 200 executives
- Automated an invoice image processing system using OCI AI Vision with 10,000 company invoices
- Developed SQL and Python tests to determine AI service metrics were 70% readable and 80% accurate

### Software Engineering Intern, Data Analyst

Aug 2020 – Jan 2021

*Octave Holdings and Investment/Pinnacle Leasing and Management*

*Alpharetta, GA*

- Innovated software to display 3 different company pricing models and analyzed incoming P&L statements
- Researched investment opportunities and created strategies for properties with a combined value of 100M
- Collaborated with executive team to manage investor's leasing agreements based on 6 months of previous data

## PROJECTS

### Undergraduate Research – Collab Web | Python, Aura, Git, Jupyter, Neo4j, Palm2

Aug 2022 – Dec 2023

- Trained Google's Palm2 LLM on student records to create a chat bot for richer and more efficient user queries
- Organized 10 years of data into a MySQL database and implemented a scalable framework for future research
- Fostered 5 visualization tools for analytical use of drawing conclusions about Georgia Tech's student records

### SeekNSpot | Python, JavaScript, HTML, Llama2, Git, Flask, Streamlit

Sep 2023 – Oct 2023

- Published a Chrome extension for YouTube, revolutionizing content accessibility and user learning with AI
- Trained the Llama2 LLM to enable users to request answers, quiz questions, and translations related to the video
- Utilized Youtube API's to dynamically let users navigate to video timestamps pertaining to their input

### VolunTrack | Firebase, React, Node.js, JavaScript, Git

Sep 2022 – Oct 2022

- Built a functional application streamlining volunteer event sign-ins and hour logs using QR code technology
- Implemented a hub to influence connectivity between organizers and volunteers looking for more opportunities
- Structured application for users to be organizers and volunteers that can track personal data for every event

## TECHNICAL SKILLS

**Developer Tools:** Git, Docker, VS Code, IntelliJ, MySQLWorkbench, Neo4j, Android Studio, Jupyter, Postman, Aura

**Industry Tools:** ServiceNow, Rally, Putty, WinSCP, Tableau, Microsoft Teams, Oracle Cloud Infrastructure, Jira

**Languages:** Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Assembly, R, LaTeX, Rust

**Frameworks:** React, Node.js, Django, Angular, Flask, Spring, Spring Boot

**Libraries:** Pandas, NumPy, Matplotlib, SQLAlchemy

**Certifications:** Microsoft Technology Associate: Intro to Programming using Java, Intro to Programming using Python, Software Development Fundamentals; Microsoft Office Specialist: Word (2019), Powerpoint (2019), Excel (2019)

## INTERESTS

Cricket, Track & Field, Blockchain/NFTs, Stock Market, Math, Gaming, Sports Analytics, Volunteering