

CHINAR DANKHARA

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EDUCATION

Georgia Institute of Technology (BS/MS program)

GPA: 3.80 / 4.00

Bachelor of Science in Computer Science (Intelligence and People) | Minor in Economics

Expected December 2023

Master of Science in Computer Science (Machine Learning)

Expected December 2024

Relevant Coursework: Data Structures, Algorithms, Computer Organization, Machine Learning, Human-Computer Interaction, Mobile Computing, Software Design, Discrete Math, Linear Algebra, Macroeconomics, Capital Markets

Honors and Awards: Dean's List (Academic Years 2021, 2022, 2023), Faculty Honors (Academic Years 2021, 2023)

PROFESSIONAL EXPERIENCE

NSF Proto-OKN Program | Atlanta, GA, USA

August 2021 – November 2022, September 2023 - Present

Software Engineer

- Led an initiative to consolidate the scientific output records and staff data for Georgia Tech and its HBCU partners
- Led a team of 13 to create a first-of-its-kind Neo4j graph database with 27,000 scientific items and an accessible GUI
- Developed an app offering a natural language interface to a bibliometrics database containing over 240 million items
- Leading national expansion of the program, serving as a developer and subject matter expert for NSF Proto-OKN

NCR Corporation | Atlanta, United States

May 2023 – August 2023

Software Engineering Intern

- Designed an in-house data warehousing and automated analytics platform infrastructure, implemented using Azure
- Implemented Grafana-based observability system to monitor SCO performance, analyzing over 20 million logs daily
- Presented observability insights and product performance enhancement recommendations to the CEO and VP of IT

Delta Airlines | Atlanta, GA, USA.

December 2022 – April 2023

AI and Innovation Engineering Intern

- Ideated a speech AI-based application to enable seamless communication between people speaking different languages
- Developed a full-stack prototype web app independently and presented it to C-suite executives and VP of Innovation
- Authored a strategy report highlighting enterprise AI apps to optimize costs and outlining a plan to save \$50 million

PreScouter | Remote, United States

February 2023 – April 2023

Business Analyst Intern

- Devised a strategy to use AI for enhancing business operations and improving deliverable quality in analyst output
- Supported the CEO and Head of Sales in implementing pilot AI projects, analyzing data to assess results and ROI
- Compiled a consulting report and presentation on AI strategy, presenting final recommendations to the C-suite

McGrath Lab | Atlanta, GA, USA.

June 2022 – April 2023

Bioinformatics Researcher

- Created scripts for ML edge TPU automatic fault detection, enabling early intervention and cutting downtime by 40%
- Adapted object tracking models for rotation in high occlusion environments, boosting prediction precision by 5%

Enterprise Innovation Institute | Atlanta, GA, USA.

May 2022 – August 2022

Data Science Intern

- Conducted market research on higher education performance data, identifying market gaps and potential customers
- Presented and trialed the developed solution, securing two clients and generating contracts valued at over \$70,000

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Fintech at Georgia Tech | Atlanta, GA, USA

July 2023 – Present

Cofounder; Head of Research

- Started projects with Startup Exchange and Blockchain GT; signed GT Quant Finance program as a title sponsor
- Led the research team to produce the Fintech @ GT technical blog with 1400 peak readers and 100+ subscribers

Big Data Big Impact | Atlanta, GA, USA

June 2022 – November 2022

Project Lead

- Envisioned a project focused on constructing datasets and ML models for an open flight-delay prediction system
- Led a team of 13 to organize USDOT datasets into a Postgres DB and mentor lowerclassmen on robust ML design

Student Center Programs Council | Atlanta, GA, USA

June 2021 – April 2022

Deputy Chief of Finance

- Secured a \$65,000 marketing partnership with The Home Depot, delivering additional support for signature events
- Managed a \$520,000 annual budget for Georgia Tech's largest cultural body, overseeing expensing and accounting

SKILLS AND INTERESTS

Skills: Python, Java, Django, MySQL, HTML, JavaScript, PyTorch, Git, Streamlit, Clickhouse, NumPy, Firebase, AWS S3, EC2, Lambda, RDS, SageMaker, Azure Synapse, VSCode, IntelliJ IDEA, Vim, Jira, Confluence, Docker, Hindi, Gujarati