

Ishan Sheth

404-915-5010 | isheth7@gatech.edu | [linkedin.com/in/isheth](https://www.linkedin.com/in/isheth) | [ishansheth-31.github.io](https://github.com/ishansheth-31)

EDUCATION

Georgia Institute of Technology

December 2025

Bachelor of Science in Computer Science, Minor in Economics

GPA: 3.80/4.0

- Concentrations: Artificial Intelligence and Systems & Architectures

EXPERIENCE

Data Science Intern

June 2024 – Aug. 2024

Truist Bank

Atlanta, GA

Co-Founder

Jan. 2024 – Present

Breezy

Atlanta, GA

- Automating healthcare documentation utilizing Python, Pytorch, and Langchain, assisting physicians with patient diagnosis and completing 70% of their clinical note in advance
- Developing a user-friendly web portal for patients using Flask, React, and MongoDB while reading and writing healthcare data into existing electronic health record systems
- Secured three letters of intent to purchase and utilize tool to streamline medical assessments, reduce wait times and easing staff workloads in clinics
- Finalist in 2024 Georgia Tech InVenture Prize, pitch televised for audience of 150k+ people

Software Engineering Intern

Jan. 2024 – May 2024

Ditch

Atlanta, GA

- Implemented system in app to provide users with AI-based debt insights, fully building the frontend, integrating it with a new database in the backend, and collecting quantitative and qualitative user liability data
- Developed three main app pages as part of founding engineering team using Dart and Python, enhancing user engagement and downloads by 30% through detailed debt analytics and in-app round-up payments
- Optimized data collection and preprocessing from main databases utilizing Python and PostgreSQL, improving overall system performance and reliability for the app

Senior Quantitative Analyst

Apr. 2023 – Present

Georgia Tech Student Foundation Investments Committee

Atlanta, GA

- Developing fixed-income trading strategy in Python using yield spreads to generate buy/short signals for corporate bonds and Monte Carlo simulations to tune parameters, outperforming benchmarks in backtests by 2.5% annually
- Leveraged Gradient Boosting models to reallocate capital between the fund's quantitative investment strategies based on macroeconomic conditions, contributing to the growth of the \$2.1M AUM fund
- Participated in a rigorous semester-long mentorship program learning DCF modeling, accounting, portfolio theory, macroeconomics, valuation techniques, Bloomberg Terminal, and stock pitch creation, finished in top 10% of class

Software Engineering Intern

June 2022 – Aug. 2022

Splitit

Atlanta, GA

- Developed machine learning model using Scikit Learn, SQL, and Snowflake to predict client acquisition with 85% accuracy, leading to improvements in the sales team's email communication and lead targeting
- Created production-ready tool using Python and Requests to analyze the needs of over 200 e-commerce companies, resulting in the identification of 10 potential clients
- Revamped sales data collection process resulting in the consolidation of all their data in a centralized repository

PROJECTS

FraudGenie | *JavaScript, Python, Flask, React, XGBoost*

October 2023

- Built a high-performing machine learning model employing Python and XGBoost to generate fraud risk scores for a credit-card transactions, achieving an F1 score of over 98% on unseen test data
- Analyzed and preprocessed imbalanced dataset of 1.3 million transactions utilizing undersampling techniques
- Developed real-time dashboard, using React, JavaScript, and Flask to offer fraud detection and actionable insights

TECHNICAL SKILLS

Languages: Python, Java, C++, C, Dart, SQL (Postgres), JavaScript, HTML/CSS, R, Assembly

Frameworks: Pytorch, Tensorflow, Scikit Learn, XGBoost, Flutter, React, Flask

Developer Tools: Git, AWS DynamoDB/Lambda, MongoDB, Jenkins, Heroku