

Ishan Sheth

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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 Modeling & Simulation
- **Coursework:** Data Structures & Algorithms, Machine Learning, Design and Analysis of Algorithms, Computer Systems & Networks, Game Theory, Linear Algebra, Multivariable Calculus, Discrete Mathematics
- **Activities:** Georgia Tech Student Ambassadors, Georgia Tech Student Foundation Investments Committee

EXPERIENCE

Co-Founder

Jan. 2024 – Present

Breezy Medical

Atlanta, GA

- Building RAG-based system using Python, PyTorch, and LangChain to generate context-aware medical notes optimized for increased billing, improving physician documentation efficiency by 70%
- Engineered patient web portal and integrated data into EHR systems using FastAPI, React, and MongoDB, improving practice reimbursement revenue by 20%
- Architected Azure infrastructure with CI/CD pipelines and timed functions for 3 paid customers and 5 pilots
- Led team of 4 developers in Agile sprints, spearheading product design based on insights from 100+ interviews
- Finalist in 2024 InVenture Prize, pitch nationally televised for audience of 150k+ people

Data Science Intern

June 2024 – Aug. 2024

Truist Financial

Atlanta, GA

- Built time-series models using Python and Facebook Prophet to forecast client throughput for 120 teams
- Optimized hyperparameter tuning based on statistical testing and data trends, improving model runtime by 300% and accuracy by 10%
- Consolidated 1M-row databases using fuzzy logic to fix incomplete data, improving accessibility for various teams

Software Engineering Intern

Jan. 2024 – May 2024

Ditch

Atlanta, GA

- Developed three core app pages as part of founding engineering team using Figma, Dart, and Python, boosting downloads by 30% through detailed debt analytics and in-app round-up payments
- Built feature to provide users with AI-based debt insights, utilizing Python, Dart, and LangChain, enhancing engagement through 70+ positive reviews from users
- Optimized PostgreSQL queries and Python preprocessing, improving system efficiency by 15%

PROJECTS

Echo | *JavaScript, Python, Lens Studio, Flask, MongoDB, Reflex*

October 2024

- Developed AR-based live transcription system using Snap Spectacles, Lens Studio, and JavaScript
- Built Flask server to handle MongoDB requests, bypassing Lens Studio's limits, improving retrieval speed by 25%
- Created interactive dashboard using Python, generating summaries and action items for 50+ conversations

Credit Spread Trading | *Python, Bloomberg Terminal*

April 2024

- Developed trading strategy to generate buy/short signals for corporate bonds based on yield spreads
- Leveraged Monte Carlo simulations to tune parameters for short and long term signals
- Outperformed benchmarks by 2.5% annually in backtests, contributing to growth of 2.1M AUM fund

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

October 2023

- Identified fraudulent credit-card transactions using XGBoost, with an F1 score of 98% on unseen test data
- Developed dashboard, using React, JavaScript, and Flask to offer fraud detection and actionable insights
- Analyzed and preprocessed imbalanced dataset of 1.3 million transactions utilizing undersampling techniques

SKILLS

Languages: Python, JavaScript, Java, C++, C, Dart, SQL, HTML/CSS, R

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

Tools: Git, Docker, Microsoft Azure, Snowflake, AWS DynamoDB/Lambda, MongoDB, Jenkins, Heroku