

Kritin Ganesh

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EDUCATION

Rutgers University—New Brunswick, Honors College

May 2028

B.S. Data Science, Economics Track; B.A. Economics; Minor in Mathematics

New Brunswick, NJ

GPA: 3.5/4.0 - Coursework: Calculus, Data 101, Global Management & Strategy, Microeconomics, Statistical Inference

Organizations: Rutgers 2SEEDS, Data Science Club, HackRU, ML/AI Division, ROCC, BITS

EXPERIENCE

Atlas Quantitative Research Group - Data Science Intern

May 2025 - August 2025

Remote

London, UK

- Developed econometric forecasting pipelines using Python, Statsmodels, and Scikit-learn to analyze sector-level revenue cycles and labor-market sensitivity
- Engineered financial and macroeconomic features and conducted time-based model evaluation, improving short-term forecast performance by approximately – **28%** over the existing baseline
- Designed and optimized SQL schemas to consolidate firm-wide financial, macroeconomic, and alternative data sources (FRED, SEC filings, internal transaction logs), enabling faster joins and reducing query latency by – **40%**

Break Through Tech at Cornell Tech - AI/ML Fellow

June 2026 – August 2026

Remote

Ithaca, NY

- Completed applied machine-learning training covering preprocessing, feature engineering, classification, regression, cross-validation, model selection, and responsible AI
- Built end-to-end Python and Scikit-learn pipelines for structured datasets, including missing-value imputation, categorical encoding, scaling, and feature selection
- Developed a TF-IDF and logistic-regression sentiment classifier for Amazon book reviews, achieving **0.87** ROC-AUC on a held-out test set

Sneaker & Limited Apparel Arbitrage Business – Founder/Entrepreneur

July 2021 - Present

@KickzwKrit

Piscataway, NJ

- Generated more than **\$80,000+** in revenue and **\$25,000+** in profit across over **300+** transactions involving limited-edition sneakers and apparel items
- Built Python and Java tools for inventory monitoring, product-data collection, pricing analysis, and order-workflow management to secure **100+** successful checkouts across online drops for paid group members
- Managed sourcing, customer communication, and fulfillment for a network of **50+** clients

PROJECTS

Sentinel — Mission Readiness and Logistics Platform | *Python, FastAPI, PostgreSQL, React, Docker*

- Built an operational planning platform unifying **1,000+** simulated personnel, equipment, maintenance, inventory, and mission records into a common readiness model
- Designed relational schemas representing units, assets, maintenance events, supply inventories, missions, and deployment requirements
- Developed a readiness engine that evaluated personnel availability, equipment condition, supply levels, and transportation constraints across **50** simulated defense mission scenarios

AeroCost — Aerospace Procurement Analytics Platform | *FastAPI, PostgreSQL, Pandas, Scikit-learn, Docker*

- Built a full-stack procurement intelligence platform that integrated component, supplier, contract, pricing, and delivery data for a simulated aerospace supply chain
- Designed a PostgreSQL data model connecting more than **100+** components, **25+** suppliers, and **500+** procurement records, enabling users to trace dependencies across defense programs
- Implemented data validation, role-based access, audit logging, automated tests, and Docker-based deployment
- Reduced simulated supplier-risk review time from **12** minutes to under **3** minutes across **20** test scenarios

TECHNICAL SKILLS | AWARDS & CERTIFICATIONS

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

Frameworks/Libraries: FastAPI, React, Scikit-learn, Pandas, NumPy, Statsmodels, Matplotlib

Certifications: Java Certified Foundations Associate + Oracle Certified Associate, Java SE 8 Programmer

Awards: NJ FBLA Scholarship Competition — 1st Place, \$3,000 Scholarship