

# SHANEEZA HASNANI, CFE

Washington, DC | 210-935-7217 | [hasnani.shaneeza@gmail.com](mailto:hasnani.shaneeza@gmail.com) | [linkedin.com/in/shasnani](https://linkedin.com/in/shasnani)

## TECHNICAL SKILLS

**Programming & Data:** R, Python, SQL, C++, Scala, SAS, SPSS

**Visualization & BI:** Tableau, Microsoft Power BI, Excel (Advanced)

**Machine Learning:** Random Forest, Logistic Regression, Decision Trees, Anomaly Detection, Predictive Analysis

## EDUCATION

### American University, Kogod School of Business

Washington, DC

December 2026

*Master of Science in Business Analytics & AI*

Concentration: Data Science

Relevant Coursework: Applied Managerial Statistics, Database and AI, Business Intelligence, Predictive Analytics with Machine Learning, Business Insights through Analytics, Quantitative Methods and Data Analysis in Finance

### CUNY John Jay College of Criminal Justice

New York, NY

May 2025

*Bachelor of Science in Fraud Examination and Financial Forensics*

Minor: Computer Science

## PROFESSIONAL EXPERIENCE

### EduGuide Overseas Pvt. Ltd.

Mumbai, India

*Fraud Data Analyst*

June 2021 – November 2025

- Engineered anomaly detection models in Python (Random Forest, Logistic Regression).
- Classified an average of 200k+ high-risk transactions monthly using a self-developed model.
- Enhanced fraud detection accuracy by 25%.
- Analyzed 500+ payment datasets monthly using SQL and Python.
- Reduced suspicious student applications by 20% annually via automated scoring pipelines.
- Designed and automated Power BI dashboards, streamlining review time by 15%.
- Delivered prescriptive, data-driven recommendations to admissions, compliance, and IT teams.

### Guidehouse, Inc.

New York, NY

*Financial Crime & Investigative Services Intern*

June 2024 – August 2024

- Developed and optimized fraud detection workflows for 20,000+ ACH/wire transfers.
- Applied feature engineering and SQL-based data preparation.
- Detected 50+ high-risk transaction patterns.
- Presented capstone on wire transfer anomaly detection.
- Integrated ML and risk scoring to strengthen compliance monitoring by 30%.
- Influenced directors through technical presentations and solution adoption.

### State of New York, Office of the Attorney General, Medicaid Fraud Control Unit

Hauppauge, NY

*Fraud Audit Intern*

June 2023 – August 2023

- Conducted data analysis on provider billing and claims transactions.
- Collaborated across four Medicaid fraud investigations.
- Identified \$500K+ in recovery anomalies using SQL and statistical validation.
- Consulted with investigators to streamline evidence review.
- Leveraged prescriptive analytics to accelerate fraud case resolution by 20%.

## PROJECTS

### Computer Networking, CUNY John Jay College of Criminal Justice

New York, NY

*Credit-Card Transaction Fraud Model - Python, Excel*

October 2024

- Engineered Random Forest and Decision Tree classifiers on 10,000+ real-time transactions.
- Attained 99.96% accuracy and 97.25% recall for abnormal payment detection.
- Regulated false positives under 0.02%, enabling reliable deployment for financial institutions.

## CERTIFICATIONS AND AWARDS

**Certifications:** Certified Fraud Examiner (CFE) – 2025

**Awards:** ACFE Ritchie-Jennings Memorial Scholarship – 2024