SHANEEZA HASNANI, CFE

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TECHNICAL SKILLS

Programming & Data: R, Python, SQL, C++, SPSS
Visualization & BI: Tableau, Microsoft Power BI, Excel (Advanced)
Machine Learning: Random Forest, Logistic Regression, Decision Trees, Anomaly Detection, Predictive Analysis

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EDUCATION

American University, Kogod School of Business   **Washington, DC**
Master of Science in Business Analytics & AI   *December 2026*
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**
Bachelor of Science in Fraud Examination and Financial Forensics   *May 2025*
Minor: Computer Science

PROFESSIONAL EXPERIENCE

Schmidt Special Competitive Studies Project (SCSP)   **Arlington, Virginia**
Research Assistant   *January 2026 – Present*
- Build and maintain a sponsorship CRM in Airtable, structuring unstructured data across 50+ sponsor records.
- Design interactive dashboards to visualize sponsor engagement trends and event KPIs for leadership.
- Conduct research on AI governance, technology policy, and U.S. competitive dynamics in emerging tech.
- Develop data-driven intake workflows and analytical frameworks to support the annual AI Expo operations.
- Present data insights and strategic recommendations to senior stakeholders across cross-functional teams.

EduGuide Overseas Pvt. Ltd.   **Mumbai, India**
Fraud Data Analyst   *June 2021 – November 2025*
- Engineered anomaly detection models in Python (Random Forest, Logistic Regression).
- Classify 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%.

Guidehouse, Inc.   **New York, NY**
Financial Crime & Investigative Services Intern   *June 2024 – August 2024*
- Develop and optimize fraud detection workflows for 20,000+ ACH/wire transfers.
- Apply feature engineering and SQL-based data preparation.
- Detect 50+ high-risk transaction patterns.
- Integrate ML and risk scoring to strengthen compliance monitoring by 30%.

State of New York, Office of the Attorney General, Medicaid Fraud Control Unit   **Hauppauge, NY**
Fraud Audit Intern   *June 2023 – August 2023*
- Identify $500K+ in recovery anomalies using SQL and statistical validation.
- Leverage 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*
- Engineer Random Forest and Decision Tree classifiers on 10,000+ real-time transactions.
- Attain 99.96% accuracy and 97.25% recall for abnormal payment detection.

CERTIFICATIONS

Certifications: Certified Fraud Examiner (CFE) – 2025