ARHAM NAQVI

linkedin.com/in/syed-arham-naqvi/ | syed-a-naqvi.github.io | arznaq@gmail.com | (437) 423-0126

OBJECTIVE & CORE COMPETENCIES

Investigative Analyst with a **B.Sc. (Honours) in Computer Science (Math minor, Data Science track)** and **17+ months of frontline claims intake experience detecting fraud indicators and flagging discrepancies** in high-volume insurance workflows. Seeking to leverage advanced analytics, investigative skills, and technical expertise to identify and prevent service provider fraud, collusion schemes, and inappropriate claiming activities within a Fraud/Risk Management team or SIU.

- **Fraud & Risk Analytics:** Pattern Analysis, Provider Profiling, Anomaly & Collusion Scheme detection, Eligibility Review
- **Investigation:** Triage & Lead Probes, Witness Statement Collection, Documentation & Reporting, Social Media Research
- **Technical Tools:** SQL, Python, Excel, Tableau/Power BI, Database Management Systems (CROMS), MS Office Suite

PROFESSIONAL EXPERIENCE

Collision Reporting Specialist | Accident Support Services International Ltd.   *May 2022 – Feb 2023, Aug 2025 - Now*

- **Fraud Detection & Prevention:** Process **80+ FNOL claims daily**, serve as the first line of defense against fraud, identifying indicators including mismatched narratives, questionable timelines, and documentation irregularities. Successfully flag misrepresentation attempts and directly intervened to stop predatory towing schemes, preventing claims leakage.
- **Investigative Triage & Analysis:** Cross-reference claimant statements against physical evidence and police reports to detect inconsistencies. Analyze claims patterns to identify red flags requiring escalation, mirroring SIU workflows.
- **Stakeholder Communication & Interviews:** Interview claimants, police, and collision staff to gather statements and validate facts. Employ de-escalation techniques while managing distressed claimants in high-pressure scenarios.
- **Database Management & Documentation:** Maintain databases and logs using the CROMS electronic record management system. Ensure timely documentation of collision details in compliance with legislative and insurer-specific requirements.

Data Analyst / Research Assistant | Affective Data Science Lab | Ontario Tech University   *May 2024 – Aug 2024*

- **Advanced Analytics & Tooling:** Developed "Audiomorph," a Python-based data validation tool that processed **1,440+** audio files, demonstrating proficiency in building investigative systems and automating pattern detection workflows.
- **Research & Documentation:** Gathered data, identified irregularities, and organized documentation with **100% accuracy**. Translated complex technical findings into structured reports for stakeholder review.

Calculus II Teaching Assistant | Ontario Tech University   *Jan 2024 - Jun 2024*

- **Integrity & Compliance Monitoring:** Proctored for **1000+ students** during high-stakes examinations, verifying identities and monitoring for academic dishonesty to ensure exam integrity.
- **Data Management & Reporting:** Managed attendance and grading records for **1000+ students** using Excel, ensuring strict accuracy and audit-readiness while syncing complex datasets with the Canvas database.
- **Communication & Presentation:** Delivered weekly lectures to **30+ students**, demonstrating the ability to translate complex technical concepts into clear, accessible language, essential for non-technical stakeholder communication.

KEY PROJECTS

Healthcare Provider Anomaly Detection: Aggregate Claim Analysis   *Apr 2024*

- **Engineered 80+ provider-level risk indicators** by aggregating transactional claims data, successfully identifying providers with statistically improbable billing frequencies and patient concentrations.
- **Built a supervised fraud detection model** (Random Forest/Autoencoder) that flagged high-risk providers based on claim velocity and diagnosis-procedure mismatches, mirroring industry-standard SIU triage processes.

EDUCATION & CERTIFICATIONS

B.Sc. (Honours) Computer Science (Math Minor, Data Science Specialty) | Ontario Tech University   *Class of 2025*

- **Graduated with Distinction:** CGPA 3.55
- **Core Subjects:** Probability Theory & Statistics, Data Analysis & Mining, Databases (SQL), Numerical Analysis, ML
- **Honors:** Scholarship 2022-2023; President's List (F22, W23, F23, F24); Dean's List (W25)

Databases and SQL for Data Science | IBM   *Issued Jan 2025*

- Proficiency in databases and query optimization supporting multi-system data extraction during investigative workflows.

Member | Insurance Institute of Canada   *Jan 2026 - Present*

- Pursuing CIP designation to deepen expertise in fraud risk management and group benefits operations.