HUMZA ELAHI

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EDUCATION

C. T. Bauer College of Business | University of Houston **Dec 2026**

Bachelor of Business Administration in Management Information Systems (MIS)

- GPA: 3.8 | Dean's List: Fall 2024

EXPERIENCE

Repsol Energy North America - Trade Compliance & Regulatory Intern **May 2026 - Aug 2026**

- Automated KYC research by translating procedures into deterministic risk-scoring logic and building 17 Python screening and scoring tools with Claude Code that query OFAC sanctions lists and federal enforcement databases directly, reducing research and drafting time by approximately 50%
- Completed 118 counterparty KYC reviews in 3 months, growing monthly throughput from 15 to 59 files, with SDD/EDD sanctions, ownership, regulatory enforcement, and adverse media screening in LSEG World-Check One (WCO); assigned risk ratings across 5 categories
- Performed risk analysis for a position-limit monitoring initiative using BroadPeak trading risk software, comparing trader-level buy/sell totals and values, investigating trade record and formula discrepancies, and clarifying requirements with cross-functional stakeholders and the vendor
- Used Excel (XLOOKUP/VLOOKUP, pivot tables, COUNTIFS) and Power BI dashboards to analyze data, identify exceptions, and visualize risk trends
- Built a web app with Claude so any analyst could run the KYC system with or without a paid API key; presented the solution and authored 7 process guides and SharePoint training materials to support team handover and adoption

J-Tech Digital - Product Engineer & E-Commerce Specialist **May 2024 - Feb 2026**

- Consulted with commercial clients to translate requirements, budgets, and site constraints into AV-over-IP solution designs; recommended products and provided demonstrations and implementation guidance
- Configured VLANs, multicast, and IGMP snooping on network switches and supported troubleshooting of AV-over-IP systems across 1,000+ commercial deployments, including encoders, decoders, TCP/IP networking, and integration with client IT environments
- Performed QA testing on 100+ products and documented findings; worked cross-functionally with engineering to diagnose a commercial AV-over-IP issue and on firmware improvements supporting 20+ product launches
- Processed 12,000+ ERP claims and technical support cases, investigating product issues and keeping accurate records

TECHNICAL PROJECTS

KYC Compliance Database Reconciliation - Repsol Energy North America **2026**

- Reconciled 396 World-Check One cases against 112 KYC database records using two-way VLOOKUP matching and COUNTIF duplicate detection, closing a control gap where inactive companies were still screened and active counterparties had never been screened; documented it in a reusable guide and AI prompt

Attendance Tracking Feasibility - Second Mile / University of Houston **Fall 2026**

- Collaborating on an IT project management team to assess attendance tracking in Apricot for Second Mile; coordinating project setup and stakeholder discussions on requirements and API feasibility

LEADERSHIP & ACTIVITIES

Management Information Systems Student Organization (MISSO) - Member **Fall 2023**

- Network with corporate partners in a 550+ member MIS organization through career mixers and workshops

ADDITIONAL

- Microsoft Office: Proficient in Excel (XLOOKUP, VLOOKUP, pivot tables, COUNTIFS), Word, PowerPoint, and SharePoint
- Technical: Power BI, SQL, Python, Java, ERP systems, data analysis, data visualization, TCP/IP, VLANs, multicast, IGMP snooping
- Business and Compliance: requirements gathering, stakeholder communication, process documentation, project coordination, KYC, SDD/EDD, sanctions screening, LSEG World-Check One (WCO), Energy Trading and Risk Management (ETRM) in Horizon (Allegro)
- Languages: English (Native), Urdu (Fluent)