Adam Tereq

US Citizen | adamtereq@gmail.com | (203)-503-1107 | [Personal Website](#)
LinkedIn: [Adam Tereq](#) | GitHub: [Adamtt123](#)

EDUCATION

University of Connecticut - Storrs, CT   Expected Graduation, May 2025
B.S. in Business Data Analytics
- **Double Minor:** Business Management | Digital Marketing and Analytics
- **Honors:** Dean's List, Alpha Lambda Delta Honor Society

SKILLS

Programming: SQL, Python, (Pandas**,** NumPy, SciPy, Matplotlib, TensorFlow).
Tools: AWS, Linux, ServiceNow, CNN, Cloud Computing, Visual Studio Code, MySQL, Power BI, Tableau, Jupyter Notebook, Microsoft Applications.

PROJECTS

Building Energy Consumption Prediction Model - Data Science Personal Project   April 2024
- **Improved model performance** by addressing missing data, scaling features, and selecting key variables.
- **Developed an AI model** to predict energy consumption using **machine learning** and key building factors.
- **Evaluated the model** with **MAE** and **RMSE**, optimizing energy, cutting costs, and boosting sustainability.

COVID-19 Detection from Chest X-Ray Images Using CN - Data Science Personal Project   February 2024
- **Trained a CNN** with **Keras** and **TensorFlow** to detect **COVID-19** from chest X-rays.
- **Enhanced CNN training** with d**ata preprocessing** and **augmentation** for greater robustness.
- **Achieved 94.83% accuracy**, showcasing the model's effectiveness in medical image diagnostics.

Stock Market Analysis and Prediction - Data Science School Project – Hartford, CT   March 2025
- **Developed a stock prediction model** using **Python** and **Yahoo Finance API** with **regression techniques**.
- **Analyzed market trends** with **Matplotlib** and **Pandas**, optimizing prediction accuracy.
- **Assessed model performance** with **Mean Squared Error** and **R²**, ensuring reliable stock trend predictions.

EXPERIENCE

Havenly - Data & Cybersecurity Intern - New Haven, CT   August 2024 - December 2024
- **Analyzed security data** to identify **vulnerabilities** and recommend strategies, enhancing **cybersecurity**.
- **Developed data-driven insights** for an **incident response plan**, improving **security threat response**.
- Partnered with the Sales Director to **analyze program data,** driving improvements in outreach initiatives for **refugees** and **immigrants** through actionable**, data-driven recommendations.**

Yale University - ITS Intern - New Haven, CT   June 2023 - August 2023
- **Led a team of 5 interns** to implement **On-screen Display (OSD)** and deployed **55+ computers** to clients while fostering inclusivity within the work environment and ensuring **100% client satisfaction**.

- **Resolved 30+ tickets** using **ServiceNow**, applied **SQL queries** to optimize **inventory management**, reducing **equipment shortages** by **15%** through **data-driven allocation**.
- **Managed 100+ laptops** using **Excel/SQL** to track usage, identify trends, and support **data-driven decisions.**

Yale University - Finance Supplier Diversity Analyst Intern - New Haven, CT   June 2022 - August 2022
- **Analyzed data** for **244 contractor application**s using **Salesforce**, exporting **NAICS codes** and key metrics to **Excel** for **trend analysis** and **Tableau dashboards**.
- Developed and presented two **data-driven growth strategies** for **Supplier Diversity**, resulting in a **25% increase in vendor engagement** through **targeted outreach**.
- **Resolved 200+** supplier classification cases by using **SQL queries** in **Salesforce** for efficient **data management and reporting.**

CERTIFICATIONS

- Machine Learning for Data Science Projects   Issued by IBM, December 2024
- Enterprise Data Science in Practice   Issued by IBM, November 2024
- Data Fundamentals   Issued by IBM, November 2024
- Google Cybersecurity   Issued by Coursera, March 2025