

Anthony Tran

Wylie, TX | tghuy2000@yahoo.com | www.linkedin.com/in/anthony-tran-194b05277 | 469-734-1866 | U.S. Citizen

SUMMARY

Data-driven professional with 2 years of experience in swe and data science/analytic, pursuing a Master of Science in Computer Science specializing in Data Science, seeking a Data Science or Analytics role to leverage skills in Python, SQL, Excel, PoweBi, machine learning, and statistical analysis to generate actionable insights and support data-driven business decision-making.

EDUCATION

The University of Texas at Dallas, Richardson, TX January 2022 - May 2024
BS of Computer Science

The University of Texas at Dallas, Richardson, TX August 2024 - December 2026
MS of Data Science

CERTIFICATION & LICENSE

- AWS CERTIFIED CLOUD PRACTITIONER | Amazon September 2025 - Present
- GENERATIVE AI CERTIFICATE | Google Present
- IBM DATA SCIENCE PROFESSIONAL CERTIFICATE | IBM Present

WORK EXPERIENCES

Software Engineer Intern at BAOVIET LLC May 2024 - August 2024

- Description:** Collaborated with Insurance agents to develop a CRM application to securely store and organize 1,000+ client records, improving system reliability and optimizing workflows for agents. Gathered all customer data to improve AI training while keeping customers sensitive data secured
- Software Applications:** Python, SQLite/PostgreSQL, Github, AWS, Vercel, React, isPDF, Uvicorn, Pydantic, Claude, Agent
- Soft Skills:** Problem-Solving, Attention to Detail, Communication, Collaboration.
- Achievement:** Reduced manual tracking time by 40% through system automation and improved data accessibility.

Mark Cuban Foundation AI Bootcamp Mentor September 2022 - October 2022

- Description:** Mentored and instructed 100+ high school students in foundational AI and machine learning concepts through a 4-week intensive bootcamp, focusing on practical applications and real-world use cases.
- Software Applications:** Microsoft Azure, Azure Machine Learning Studio, Azure Notebooks, Cognitive Services (Vision, Language, Speech APIs).
- Soft Skills:** Problem-solving, Communication, Leadership, Teaching, Mentorship.
- Achievement:** Successfully guided students in understanding core AI/ML concepts, improving engagement and learning outcomes with Microsoft Azure.

PROJECTS

Python Library Assistant (Tools: FastAPI, LangChain, OpenAI, Python, React, Git) February - May 2025

- Description:** Collaborated with a team of 4 to create an intelligent RAG-based chatbot utilizing Python, LangChain, and OpenAI, effectively retrieving unstructured text data from Python documentation to provide conversational coding support with 90% accuracy.
- Software Applications:** FastAPI, LangChain, OpenAI, Python, React, Git
- Soft Skills:** Team Collaboration, Problem-Solving, Communication, Technical Support
- Achievement:** Executed document indexing and retrieval strategies using FAISS, integrating a FastAPI backend with a Next.js frontend to orchestrate seamless user interactions and enhance data accessibility.

Recommender System (Tools: Python, SQL, Git) February 2024

- Description:** Teamed up with 4 members in the American Airlines Hackathon to develop a personalized recommendation engine to suggest optimal locations to over 10,000 users based on machine learning through 10000+ rows of real data
- Software Applications:** Python, SQL, Git
- Soft Skills:** Collaboration, Data Analysis, Problem-Solving, Machine Learning
- Achievement:** Utilized Ensemble Learning and Gradient Boosting to model complex customer patterns and improve location booking likelihood. Predicted 10 recommended locations for AA customers from their past trips.

TECHNICAL SKILLS

Programming Language: Python, R, Java, JavaScript, TypeScript, C, C++, Kotlin, SQL (MySQL), HTML, CSS.

Frameworks & Libraries: PyTorch, TensorFlow, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn, OpenCV, React.js, Next.js, Node.js,

Databases & Big Data Systems: MySQL, MongoDB, Cassandra, Neo4j, HBase, Hive, GraphX, ELK Stack, Databrick, Power BI, Tableau.

Cloud & Development Tools: AWS Cloud, Microsoft Azure, Git, VS Code, Anaconda, Jupyter Notebook, Google Colab, Excel, Office 365, Salesforce,

AI, Data, & Software Engineering Skills: Machine Learning, Deep Learning, Model deployment, Retrieval-Augmented Generation (RAG), Agentic AI, Data Science, ETL Pipelines, Big Data Analysis, Big Data Management, Full-Stack Software Development, Data Handling, data pipelines, orchestration tools, Claude AI, OpenAI, Google Gemini, Large Language Model (LLM)