

Minh Pham

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EDUCATION

Texas Christian University

Fort Worth, TX

B.B.A in Management Information System & B.S in Mathematics | Minor: Fintech

Expected: May 2025

Relevant Coursework: Database Management System (SQL Server, MongoDB, Azure, Data Modelling, ETL Pipelines), Business Intelligence (Tableau, Alteryx, Google Looker Studio), Statistical Modelling (T-test, Chi-Square, Regression), System planning

SKILLS

Technical: SQL (CTE, Window function, Scalars Function, Recursive Queries), Python (NumPy, Pandas, Matplotlib), Statistics

Visualization Tools: Amazon Quicksight, Tableau, Power BI, Google Looker Studio

Cloud: AWS (S3, EC2, Crawler, CloudWatch, Glue, Athena, Lambda, Redshift), GCP (Bucket, Mage Compute Engine, Big query)

Other Tools: Power Query, Snowflake, Alteryx, DBT, Mage.AI, SAP ERP

Certifications: SQL Advanced Hackerrank Certification, Certified Scrum Product Owner, DataCamp Certified Data Analyst

PROFESSIONAL EXPERIENCE

Business Intelligence & Analytics Intern, Corning Inc.,

Jan 2023 – May 2023

- Provided actionable insights for Corning Inc.'s stakeholders by leveraging data and Lean Six Sigma, reducing waste by 13%
- Analyzed datasets using Excel and SQL queries, identified 92 components from 26 suppliers around Eur-Asia, built five dashboards via Power BI that documented supplier's characteristics and warehouse's location to improve data-driven decisions
- Led a team of 5 to verify data and build small - to mid-size business intelligence solution that documented the flow of 2 products
- Identified driver metrics and predicted the demand for the firm's inventory level, helped Corning Inc. switch from air freight to sea freight, and provided warehouse location's suggestion that projects to reduce logistic costs by \$230M in the next ten years

Data Analyst Intern, KPIM Joint Stock Company

May 2022 – Aug 2022

- Conducted data analysis for 1000 stocks via Python, developed a deep learning model with trading strategy for the company's portfolio, presented statistics concept (T-test, Chi-Squared) and actionable insights to the C-Suite to increase revenue by 9.3%
- Extracted and transformed data from KPIM's Database to CSV files using SQL Server, and built two Sales Dashboards that answered customer's sales-related questions with data, increased sales revenue by 12%
- Developed and optimized SQL queries using execution plan, index, hint, and SARGABLE queries, reducing runtime by 53%

Data Analyst Intern, National Payment Corporation of Vietnam

May 2022 – Aug 2022

- Analyzed data using Python and constructed a multivariate linear regression model for volumes across 40 banks (\$15B revenue)
- Worked with two senior Data Engineer to come up with a data model and data pipelines for the company's data warehouse
- Leveraged SQL queries and Tableau to extract, transform, and visualize ten datasets, facilitated data-driven insights such as transaction patterns or fraud detection, and informed strategic decision-making for 5 different stakeholders for the next 6 months

PROJECTS

Spotify Business Intelligence Engineering Project ([Project-Link](#))

- Built an automated ETL pipeline using Python, Crawler, and Glue to extract Spotify data via Spotify API, orchestrated a daily triggered system implementing CloudWatch and Lambda functions to facilitate automatic data integration into AWS S3 storage
- Designed a STAR Schema on Athena while leveraging SQL optimization techniques (SARGABLE, Index) to optimize runtime
- Constructed an interactive dashboard using Tableau to visualize Spotify's key trends and KPIs to facilitate data-driven decisions

Uber Business Intelligence Engineering Project ([Project-Link](#))

- Designed and implemented an end-to-end ETL data pipeline integrating Uber ride-sharing data into Google BigQuery warehouse by utilizing data engineering tools such as Python, Google Cloud Storage, Google Mage compute engine, and Mage.ai
- Constructed a compressive STAR data model in Google Big Query with QuickDBD and developed an interactive dashboard using Looker to visualize key KPIs such as driver productivity, rider retention, and revenue while enabling dynamic filtering capabilities

LEADERSHIP AND COMMUNITY EXPERIENCE

Founder, The Coconut Academy Nonprofit Start-Up

May 2020 – Present

- Led teams of Ivy-League students, UI/UX designers, and web developers using Jira and Kanban board to develop an online college advising company, successfully assisting 20 Vietnamese students in their desire to pursue education in the United States
- Leveraged excellent communication and data presentation skills to successfully secure clients and generated 10000\$ in revenue