

Son Nguyen

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EDUCATION EXPERIENCE

The University of Texas at Dallas, Naveen Jindal School of Management

Dec 2022

Bachelor of Science, Information Technology and System – Business Intelligence and Analytics Track

GPA 3.92

Academic Excellence Scholarship (\$24,000)/JSOM Freshman Excellence Scholarship (\$12,000)

PROFESSIONAL EXPERIENCE

EAB GLOBAL Inc., Washington, D.C.

Jan 2023 – Now

Associate Data Engineer

- Developing a complete data pipeline using DBT, Jinja, and AWS for a scalable Snowflake data warehouse that serves multiple applications and dashboards for both internal product team and 150+ clients over the world
- Leading the designing and implementing of Talend ELT jobs to backfill hundreds of GB worth of legacy system data to preserve data integrity for our PostgreSQL database and critical information for business
- Proficiently developing and troubleshooting AWS functionalities within S3, Step Functions, Lambda, and CloudWatch, ensuring seamless integration and performance optimization

MH SOLUTION, Hanoi, Vietnam

June 2022 – Aug 2022

Data Analyst/Engineer Intern

- Built a complete Data Warehouse using ClickHouse for a client's product with over 100K users
- Created an ETL process to load data to new warehouse using advanced SQL, Airflow and Python
- Visualized data and created professional report and live dashboard using Superset to present to client

CREWASIS, Brooklyn, New York

May 2021 – Aug 2021

Data Scientist Intern - Team Lead

- Led a team of three data scientist interns to manage projects and reported progress to senior managers and CEO
- Collected, validated, and analyzed data using Python to drive optimization and improvement of product development, pricing techniques and other business strategies for clients in a four-week sprint Scrum process
- Set up Google Analytics for a client's website to improve the site's UI and increase traffic by 100 visitors/day
- Developed dynamic data dashboards using Tableau to monitor and forecast business performance, alert of business risks by researching underlying market trends to increase a client's conversion rate by 20%
- Communicated data analysis results and recommendations to clients and stakeholders using PowerPoint

ACADEMIC AND PERSONAL PROJECT EXPERIENCE

Group Project – Class: Foundation of Business Intelligence

Aug 2021 – Dec 2021

- Developed insightful data dashboard to analyze Cost of Living in 160 cities around the world with 3 classmates
- Pulled data from Kaggle Public Open Dataset and use Tableau Prep to clean and process data for analysis
- Used advanced Tableau functions to create different types of charts and graphs (Maps, Butterfly, Quadrant, Word Cloud) and built a complete Data Story to present in front of industrial expertise judges

Coursera Data Analytics Course Capstone Project by Duke University

Sep 2020 – Nov 2020

- Implemented a Data Analysis project for a fictional Real Estate Management Company to increase profits by 15% and Net Cash Flow by \$500,000 and identified 41 profitable real estates for investments
- Extracted data from Oracle Database using SQL, implemented advanced Excel analysis, and built a Sensitivity Analysis Dashboard using Tableau for executives to visualize financial statistics based on external circumstances

TECHNICAL EXPERIENCE & CERTIFICATIONS

Certifications: [AWS Certified Data Engineer – Associate](#), Google Analytics Individual Qualification

Programming Languages: SQL, Python, R, Java

Database: Snowflake, Microsoft SQL Server, Oracle, MySQL, PostgreSQL, ClickHouse, MongoDB

Data Visualization: Tableau, Power BI, Apache Superset

Other tools: DBT, Hadoop, Spark, Airflow, Airbyte, Visual Studio, VM Linux, SAP Crystal Report, Microsoft Office