

Thinh Nguyen

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OBJECTIVE

Motivated and versatile professional skilled at project management and stakeholder engagement looking to transition into data analytics field. Knowledgeable in data analysis software and methodology. Strong background in engineering, consulting, and team collaboration. Received national recognition for exemplary performance in professional setting in 2019.

SKILLS

- Python - Pandas, Numpy, Matplotlib, Folium
- SQL – PostgreSQL, Data Cleaning, Querying
- Tableau – Data Visualization
- Microsoft Excel – Data Cleaning, Analysis

PROJECTS

Online Sports Retail Revenue EDA in SQL

- Exploratory Data Analysis of Nike and Adidas product data in search of recommendations to optimize sales.

Debt Collection from Banks Statistical Analysis in Python

- Concluded banks can earn 400%+ in revenue when dedicating resources to higher levels of debt.

Customer Churn Investigation in Tableau

- Pinpointed several factors explaining customer churn: location, increasing competition, lowered customer satisfaction.

Retail Sales Analysis in Tableau

- Analysis and Visualization of retail sales and discovering when to initiate sales to increase revenue during holidays.

WORK EXPERIENCE

ARCH ENVIRONMENTAL GROUP, INC., Farmington Hills, MI

Project Technician II, August 2021 - Present

- Conducting indoor air quality sampling and analysis on radon, carbon monoxide, VOCs, and other indoor air pollutants to determine if air quality successfully meets ASHRAE and OSHA regulations and guidelines.
- Developing field data analysis reports to communicate findings in a comprehensive format using Microsoft Office.
- Collecting, preparing, and analyzing air samples for Phase Contract Microscopy and Transmission Electron Microscopy to monitor fiber count levels during and after asbestos abatement using NIOSH 582 methodology.
- Supervising and inspecting abatement projects and contractor work practices and performance to ensure safe, compliant, and timely completions of projects under EPA regulations.
- NIOSH 582 Certified and State of Michigan Asbestos Inspector Accredited.

NOVA ENVIRONMENTAL, Ann Arbor, MI

Asbestos Air Monitoring Technician, May 2021 – August 2021

- Collected and analyzed air samples using Phase Contract Microscopy to monitor fiber count levels during abatement.
- Oversaw and inspected asbestos abatement projects to ensure proper removal in K-12 schools throughout Michigan.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, Ann Arbor, MI

Data Analyst Intern, May 2020 – May 2021

- In-Use Emissions Data Analysis: Developed Visual Basic processor to analyze in-use vehicle emissions data. Employed analysis requirements of 40 CFR 86 (EPA NTE) and EU Stage V (Moving Average Window).
- Developed stakeholder training materials for EPA Heavy Duty Vehicle Certification.

EDUCATION

UNIVERSITY OF MICHIGAN, Ann Arbor, MI

Bachelor of Science in Engineering in Environmental Engineering
GPA:3.5/4.0

May 2021