

# Thinh Nguyen

[LinkedIn](#) • [GitHub](#) • [Portfolio](#) • 248-550-5144 • [nguyenth@umich.edu](mailto:nguyenth@umich.edu)

## OBJECTIVE

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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.

## WORK EXPERIENCE

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### **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.

## SKILLS

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

## PROJECTS

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### **Online Sports Retail Revenue in SQL**

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

### **New York City Public School Test Scores in SQL**

- Determination of trends and key statistics in NYC public schools comparing test scores, neighborhoods, and schools.

### **Debt Collection from Banks in Python**

- Conclusion that banks gain over 400% in profit when utilizing more resources for debts that are greater in quantity.

### **1854 Cholera Outbreak Visualization in Python**

- Analyzation of Dr. John Snow's Ghost Map of the 1854 Cholera Outbreak in London and visualization using Folium.

## EDUCATION

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### **UNIVERSITY OF MICHIGAN, Ann Arbor, MI**

*Bachelor of Science in Engineering in Environmental Engineering*

GPA: 3.5/4.0

*May 2021*