

Thinh Nguyen

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EDUCATION

UNIVERSITY OF MICHIGAN, Ann Arbor, MI

Bachelor of Science in Engineering in Environmental Engineering

May 2021

GPA:3.5/4.0

Coursework: Organic Chemistry, Aquatic Chemistry, Environmental Microbiology, Computational Methods, Statistical Methods, Statics & Dynamics, Fluid Mechanics, Hydrology and Floodplain Hydraulics, Sustainable Engineering Principles, Environmental Process Engineering, Air Quality Engineering Fundamentals, Greenhouse Gas Control

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.
- Working directly with clients to formulate project specifications that completes their goals in a timely and safe manner.
- Collecting, preparing, and analyzing air samples for Phase Contract Microscopy and Transmission Electron Microscopy to monitor fiber count levels during and after asbestos abatement.
- Supervising and inspecting abatement projects and contractor work practices and performance to ensure safe, compliant, and timely completions of projects.
- NIOSH 582 and 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 across Michigan.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA), Ann Arbor, MI

Information Technology Intern, May 2020 – May 2021

- Communicated with manufacturers about any topics concerning engine compliance within USEPA regulations.
- Analyzed datasets from manufacturers containing engine and emissions data to qualify state of the art engine designs.
- Reviewed manufacturer's requests for Certificates of Compliance for on-road heavy-duty vehicles and engines.

CAMPUS INVOLVEMENT

- Alpha Chi Sigma – Professional Chemistry Fraternity – University of Michigan – Recruitment Chair – 2018-2021
 - Organized recruitment events to bring in like-minded students with a passion for chemistry and the sciences.
 - Developed professional skills such as collaboration and leadership to prepare for my post-graduate career.
- Woven Wind Design Team – University of Michigan – Member – 2018-2021
 - Organized teach-in events for younger audiences to educate them about sustainability and engineering concepts.
 - Designed small-scale wind turbines to power small projects at local schools to spread awareness about sustainable and environmentally conscious energy production.
- Undergraduate Research Opportunity Program – University of Michigan – Research Assistant – 2017-2018
 - Conducted research about the connection between cognitive load and conversational skills in humans to determine any relevant connections between the two.

SKILLS

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| • MATLAB | • Python | • Microsoft Power BI |
| • C++ | • Tableau | • SQL |