

# Nikki Varga

Consulting Engineer



As a consulting engineer, Nikki Varga works in the Multimodal Advantage Transportation Simulation Laboratory™, generating data on the impact of five environmental hazards (temperature, humidity, pressure, shock, and vibration). Nikki is responsible for working with clients to execute protocols, writing reports summarizing the results, performing risk assessments, and conducting HAZOP analyses.

Nikki strives to help improve the quality of life for people in need and is excited to be involved in improving and advancing human health. Her passion for the biotech, pharma, and healthcare industry is driven by multiple family members with diabetes, Alzheimer's, heart problems, and other diseases who she wishes to help. This personal connection fuels Nikki's dedication to her career.

Nikki graduated Cum Laude from The Ohio State University with a Bachelor of Science in Chemical Engineering. Her biomolecular focus allowed her to explore and understand the biotechnology and pharmaceutical processes that Modality Solutions clients work with.

Nikki has real-world experience working with high-speed thermal sensors & photonics, biodiesel manufacturing & project planning, medical devices, and EHS through internships and co-ops with Point Source, Inc., Cargill, Inc., and GE Healthcare. While at GE Healthcare, she received the HFA/SGA Hazard Mitigation certificate, awarded for participation in a GE Leadership Kaizen.

Nikki is proficient in SOLIDWORKS, MATLAB, Overleaf (LaTeX), SuperPro Designer, CHEMCAD, Labview, PI Processbook, SAP, and Aspen Plus.

## Education

Bachelor of Science, Chemical Engineering

The Ohio State University