



CREDENTIALS

- ♦ B.S. Chemical Engineering, Tennessee Technological University, 2018
- ♦ M.S. Chemical Engineering, Tennessee Technological University, 2021

**PROFESSIONAL
EXPERIENCE**

- ♦ 2025 – Present: ALL4 LLC, Raleigh, NC – Staff Engineer
- ♦ 2022 – 2023: Oak Ridge Associated Universities, Durham, NC – Research Data Management Contractor at U.S. EPA
- ♦ 2020 – 2021: TTU Center for Manufacturing Research, Cookeville, TN – Research Assistant
- ♦ 2018 – 2019: TTU Department of Chemical Engineering, Cookeville, TN – Teaching Assistant

TECHNICAL EXPERTISE

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| ✓ Air Emission Inventory (AEI) Reporting | ✓ Title V Permitting, Semi-annual Reporting, and Applicability Determination |
| ✓ EPCRA Section 312 Tier II and 313 Toxic Release Inventory (TRI) Reporting | ✓ Synthetic Organic Chemical Manufacturing Industry: National Emission Standards for Hazardous Air Pollutants (NESHAP) - 40 CFR 63 Subparts F,G,H,I (HON Rule) Applicability Determination |
| ✓ Annual Greenhouse Gas (GHG) Emissions Inventory Reporting | |

PROFESSIONAL OVERVIEW

Kurt Dunham graduated with a B.S. and M.S. in Chemical Engineering from Tennessee Technological University. Kurt was a teaching assistant for a chemical reaction kinetics course and contributed to biomolecular modeling research. His M.S. degree project involved math modeling electrokinetic hydrodynamic equations to simulate the Joule heating effects in capillary electrophoretic separations.

After graduating, Kurt started in a contract position at the U.S. EPA where he wrote data processing scripts to manage toxicological dose-response data from laboratory vendors and supported software development of a plotting function for bioactivity data visualization and statistical modeling. During his time with U.S. EPA, he managed the receipt of data from said laboratory vendors and facilitated consistent communication with stakeholders who were interested in the utilization of the data he worked on.

At ALL4, Kurt has been involved with projects that include air permitting and compliance, primarily for clients located in North and South Carolina. He has been involved with air emissions calculations, data aggregation, air quality permitting evaluations in support of semi-annual compliance reports, Tier II reports, air emissions inventories, toxic release inventories, and air quality permitting exemption requests for clients within the wood products, pulp and paper, and chemical manufacturing industries.