



NATE MARTINEZ, LEED GA

PROJECT ANALYST, WILMOT INC.

Nate's multidisciplinary background as an engineer fuels his passion for problem-solving across a broad range of interests. After working with a nonprofit to help feed families during the pandemic, he joined Wilmot to pursue work that builds resilient communities and a cleaner, more equitable future for everyone.

Education

Bachelor of Science
Chemical Engineering
Entrepreneurship &
Management Minor
Johns Hopkins University

Certifications

LEED Green Associate

Growing up among the protected forests and waterways of New England, Nate always had a passion for nature and conservation. He discovered sustainability through experiences like volunteering to control invasive species at local ponds and practicing 'Leave No Trace' on camping trips with friends.

During the height of the pandemic, Nate delivered hot meals and groceries to help feed families in Baltimore. This experience along with many conversations with fellow volunteers opened his eyes to the human cost of unsustainable practices. It was in this role that Nate realized his coursework could be applied to any context.

Nate joined Wilmot as a project analyst for its countywide solar feasibility assessment on behalf of Nashville and Davidson County. He has worked closely with Wilmot's David Adams to develop a scalable solar evaluation program that utilizes the same principles he learned from his previous experience at GMP-compliant manufacturing facilities, ensuring Wilmot's process yields clean, complete, and accurate results.

Notable Projects:

Metro Solar Evaluation

Nashville, TN

Organized and led daily operations for team of 6 to visit and evaluate over 200 properties in Davidson County for physical solar feasibility.

- Wrote standard operating procedures (SOPs) for collection and quality control of site visit and building energy data.
- Developed Python tools to automate administrative workflows, building energy model generation, behind-the-meter solar system sizing, and lifetime cost-benefit projection.

Nashville MWS Solar

Nashville Metro Water Services (MWS) has created an Energy Management Program that is reducing energy use throughout the utility. Considering all capital costs and energy savings, Nate helped create a bid package that includes solar arrays at three facilities. Wilmot's innovative, behind-the-meter, third-party ownership model is projected to save rate payers \$6M over 20 years.

Maintenance Engineering – Pfizer

Andover, MA

Validated 5,000-item equipment database in support of clinical manufacturing facility startup.

CAD Research - MotoCyti

Southport, NC

Developed Python module to bypass open-source CAD software GUI with file auto-generation from scripts.



Wilmot