



**Matt Dinacci**  
Staff Engineer

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**CREDENTIALS**

- ◆ *Chemical Engineering – B.S. Carnegie Mellon University, 2020, Operations and Supply Chain Management, Minor*

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**PROFESSIONAL EXPERIENCE**

- ◆ *Summer 2016: Ingram Engineering Services, Inc. West Chester, PA – Civil and Geotechnical Engineering Intern*
- ◆ *Summer 2017: TPI Engineering Exton, PA – Electrical Engineering Technician*
- ◆ *Summers 2018 and 2019: LyondellBasell Morris, IL, La Porte, TX – Process Engineer Co-op*
- ◆ *2020-Present: ALL4 LLC, Center City, PA – Staff Engineer*

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**TECHNICAL EXPERTISE**

- ✓ *Soil Compaction testing*
- ✓ *Groundwater Drainage testing*
- ✓ *Stormwater Drainage System management*
- ✓ *Backup DC Battery testing*
- ✓ *Low Density Polyethylene Production*
- ✓ *Olefins Production*
- ✓ *Regeneration of Ethylene Dryers*
- ✓ *Wastewater Neutralization Tank analysis*
- ✓ *Chemical Relief Valve mitigation*

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**PROFESSIONAL OVERVIEW**

*Matt Dinacci graduated from Carnegie Mellon University in May 2020 with a Bachelor of Science in Chemical Engineering and a minor in Operations and Supply Chain Management. His experience includes initiating Managements of Change for relief and control valves, a level indicator, and wastewater neutralization tanks as part of an Olefins production unit for LyondellBasell. He has also compiled Scopes of Work to optimize a system of comonomer flow to a reactor as well as develop a test plan for the regeneration of ethylene dryers that could reduce annual emissions of NO<sub>x</sub> and CO<sub>2</sub> for LyondellBasell's La Porte facility. Matt has some experience in the Electrical, Civil, and Geotechnical Engineering fields as well. For TPI Engineering, he assisted in the testing of backup DC power sources such as flooded batteries, inverters, circuits, and alarm systems at cell phone tower locations across the United States. While at Ingram Engineering Services, Inc., he managed a small project for the maintenance of a stormwater drainage system in addition to performing various methods of testing such as soil compaction testing, groundwater drainage testing, and extraction of concrete core samples.*

*Matt began his career with ALL4 as a Staff Engineer in June 2020.*