

# Michel Domenella

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## Education

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| <b>MS</b> | <b>Northwestern University</b> , Engineering Design Innovation  | 2025 – 2027 |
| <b>BS</b> | <b>University of Notre Dame</b> , Mechanical Engineering <ul style="list-style-type: none"><li>• Deans List</li><li>• Vice President of Ultimate Frisbee Club</li></ul> | 2019 – 2023 |

## Experience

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| <b>Clippard</b> , New Product Development Engineer <ul style="list-style-type: none"><li>• Perform initial product ideation via modeling and simulation to verify design feasibility</li><li>• Iterate on prototypes while working closely with the machine shop to ensure design is suited for mass production.</li><li>• Coordinate with relevant groups within the company, such as advertising, quality control, and assembly, to ensure a smooth product launch.</li></ul> | Cincinnati, OH<br>2023 – 2025               |
| <b>Yaskawa</b> , Product Engineering Intern <ul style="list-style-type: none"><li>• Validated five wafer handling robot (Semistar Gekko) with a longterm life cycle test</li><li>• Created script in MatLaB with corresponding GUI to collect and store all relevant life test data</li><li>• Map silicon wafers in 3D to ensure a level surface</li></ul>  | Waukegan, IL<br>May 2022 – Aug 2022         |
| <b>Idea Center Innovation Lab</b> , Fabricator <ul style="list-style-type: none"><li>• Rapidly prototype various products using various manufacturing methods</li><li>• Use feedback from customers to iterate on design to fit their vision</li></ul>  | Notre Dame, IN<br>2021 – 2023               |
| <b>Save the Animals Foundation</b> , Volunteer <ul style="list-style-type: none"><li>• Clean out dog kennels</li><li>• Socialize with dogs to prepare them to be adopted</li></ul>  | Cincinnati, OH<br>November 2024 – June 2025 |

## Certifications

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| <b>International Fluid Power Society</b> <ul style="list-style-type: none"><li>• Pneumatic Specialist</li></ul> | June 2024 |
| <b>Certified SolidWorks Associate</b> <ul style="list-style-type: none"><li>• Mechanical Design</li></ul>       | June 2021 |

## Skills

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- Hands On Skills:** Additive Manufacturing, Subtractive Manufacturing, Standard Lab Equipment
- Software and Coding Programs:** SolidWorks, CFD, C/C++, VBM, MatLab
- Soft Skills:** Clear and concise communication, organized documenting, flexibility and trust within a team