

# Michel Domenella

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## Education

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- BS**   **University of Notre Dame**, Mechanical Engineering   2019 – 2023
- Deans List
  - Vice President of Ultimate Frisbee Club

## Experience

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- Clippard**, New Product Development Engineer   Cincinnati, OH  
2023 – Present
- Complete initial product ideation through modeling and simulation to verify design feasibility
  - Continuously iterate on prototypes and design necessary testing apparatuses for validation
  - Coordinate with customers to ensure product meets all specifications and receive feedback from beta units
- Yaskawa**, Product Engineering Intern   Waukegan, IL  
May 2022 – Aug 2022
- Validated five wafer handling robot (Semistar Gekko) with a longterm life cycle test
  - Created script in MatLaB with corresponding GUI to collect and store all relevant life test data
  - Map silicon wafers in 3D to ensure a level surface
- Idea Center Innovation Lab**, Fabricator   Notre Dame, IN  
2021 – 2023
- Rapidly prototype various products using various manufacturing methods
  - Use feedback from customers to iterate on design to fit their vision
- Save the Animals Foundation**, Volunteer   Cincinnati, OH  
2024 – Present
- Clean out dog kennels
  - Socialize with dogs to prepare them to be adopted

## Certifications

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- International Fluid Power Society**   June 2024
- Pneumatic Specialist
- Certified SolidWorks Associate**   June 2021
- Mechanical Design

## 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