

Michel Domenella

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Education

BS University of Notre Dame, Mechanical Engineering August 2019 – May 2023

- GPA: 3.65/4.0
- Deans List
- Vice President of Ultimate Frisbee Club

Experience

Clippard, New Product Development Engineer Cincinnati, OH
July 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
May 2021 – May 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
November 2024 – Present

- Clean out dog kennels
- Socialize with dogs to prepare them to be adopted

Certifications

International Fluid Power Society June 2024

- Pneumatic Specialist

Certified SolidWorks Associate June 2021

- Mechanical Design

Skills

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