

# AIDAN McARDLE

2700 Hannah Blvd. Apt. 5412, East Lansing Mi, 845-531-8140

mcardlea@msu.edu

## EDUCATION

**Michigan State University, B.S in Packaging Science - GPA: 3.83**  
**Michigan State University, Masters in Packaging Science– GPA: 3.8**

## EXPERIENCE:

**Brown Forman Corporation, Louisville, KY** **January 2021 – July 2021**  
**Packaging Co-Op Intern**

- Learned, organized, improved, and updated various B-F test methods, ASTM methods, and lab procedures.
- Performed all daily lab testing, troubleshooting, and SOP development for all B-F product testing, including glass, plastic & metal containers, PSL & wet glue labels, various closure mechanisms, corrugated shippers, consumer complaint requests, legal adherence, and supply chain efficiency
- Coordinated and led both online and in-person meetings with suppliers, packers, and vendors, to source shipments and find solutions to problems
- Visited various sites in person to analyze and inspect bottling facilities, glass manufacturing plants, and storage facilities.
- Resolved various product packaging and supply chain issues while minimizing cost and consumer perception changes

**Michigan State University, East Lansing, MI** **July 2022-present**  
**Master's Thesis Based Research**

- Created new hypothesis with professorial and professional committee based on prior research and existing data
- Developed knowledge of all relevant test methods and machinery through formal training, including methods for mechanical, barrier, optical, and thermal properties of polymers.
- Acquired experience with all polymer and copolymer processing methods via formal training, including experience with bio-fillers and their implications
- Modified method of manufacturing proposed biodegradable/compostable polymers incorporating fillers from various agricultural wastes
- Compiled research and data to assemble a summary of findings in the form of a thesis providing a basis for bettering food based packaging while minimizing plastic use

**Jackson National Life Insurance, East Lansing, MI.** **Oct. 2021 - present**  
**Strategic Support Associate – Operations Processing**

- Leveraged training, subject matter experts and other resources to contribute knowledge and proficiency in company specific applications and systems
- Collaborated with managers, along with other associates in order to identify solutions to outlying problems
- Efficiently managed high volume, non-stop work environment through adequate and effective organization and prioritization skills

## ACTIVITIES AND INTERESTS

Professorial Assistantship (Undergraduate Research), Phi Delta Theta Fraternity (Scholarship Chair), MSU Honors College, ASME, CoPPAC, MSU Club Soccer

## HONORS/ AWARDS

MSU Honors College, MSU 8x Dean's list, Honors College Non-Resident Tuition Grant, Al Kranz Scholarship

## OTHER SKILLS

- Proficient in Python, Paraview, ArtiosCAD, Solidworks, CAPE, Adobe Illustrator, Storevisualizer, Microsoft Office/Excel & Google Sheets
- ISTA level I Certification, CPR Red Cross certification
- Proficient in Spanish

