

## BRENNEN MCMANUS

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### SUMMARY

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Dedicated biomedical engineering student interested in joining Tau Beta Pi in order to improve upon my leadership skills and surround myself with like-minded peers.

### EDUCATION

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#### University of Michigan

Ann Arbor, MI

*Bachelor of Science in Engineering in Biomedical Engineering*

*April 2025*

GPA: 3.967/4.00

Coursework: Introductory Biomechanics, Organic Chemistry, Calculus, General Physics

Awards: William J. Branstrom Freshman Prize (Top 5% of Class), Engineering Dean's List (Fall 2021 & Winter 2022)

### WORK EXPERIENCE

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#### Cardio Biomechanics Lab

Ann Arbor, MI

*Undergraduate Research Assistant*

*September 2022 - Present*

- Assisting a graduate student by labeling areas of ventricular fibrosis in Cardiac MRI scans of patients suffering from Desmoplakin Cardiomyopathy

#### UPS

Muskegon, MI

*AM Preloader*

*April 2022 – August 2022*

- Accurately sort and identify customer packages in a fast-paced setting
- Neatly load and organize multiple trucks a day to be sent out for delivery

#### work.shopMG

Muskegon, MI

*Data Analyst Intern*

*June 2021 – August 2021*

- Performed data entry and management on large datasets involving real estate data
- Created a real estate management database that combines automation and multi-tier access for commercial use
- Aided in customer interface and job construction site review

### VOLUNTEER EXPERIENCE

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#### American Red Cross

Ann Arbor, MI

*Donor Ambassador*

*July 2022 - Present*

- Welcome, greet, and assist blood donors through the blood donation intake process
- Attend to donors in the hospitality area by ensuring that each donor is recognized for their contribution

#### Alzheimer's Association

Muskegon, MI

*Tech Support and Walk Committee Member*

*April 2022 - Present*

- Provide tech support for Alzheimer's information sessions on a variety of patient care topics
- A member of the Muskegon Walk Committee, where I helped to brainstorm fundraising ideas and event logistics for the annual Walk to End Alzheimer's

#### Trinity Health Hospital

Muskegon, MI

*Patient Advocate Liaison*

*June 2022 – August 2022*

- Collaborated with nurses and hospital staff to ensure a positive experience for patients and visitors
- Interfaced with and assisted patients in both a fast-paced ER setting and a slower standard patient setting

#### Middle School Tennis Coach

Muskegon, MI

*Assistant Coach*

*March 2021 – June 2022*

- Taught a range of sport-specific skills to a diverse group of middle school students

### SKILLS

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Microsoft Excel, Airtable, MATLAB, Basic C++, Strong Leadership and Teamwork Skills