

# MARY C. GANNON

Buffalo, NY • (845) 492-6782 • marygann@buffalo.edu • [www.linkedin.com/in/mary-c-gannon/](http://www.linkedin.com/in/mary-c-gannon/)

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## EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK

**Master of Business Administration**

June 2024

- **LeaderCORE:** Leadership development program to enhance core competencies, expected certification in 2024

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK

**Bachelor of Science, Biomedical Engineering**

June 2024

GPA: 3.93/4.0; Honors Scholar, Dean's List Scholar; Tau Beta Pi

## ACADEMIC PROJECT EXPERIENCE

**Biomedical Engineering Bio Signals Lab**

February 2022-May 2022

- Performed statistical and error analysis on bio-circuit lab data.
- Illustrated findings through graphs, plots, tables, and a technical report.

**SaeboFlex Stroke Rehabilitation Glove Tool Prototype**

September 2021-April 2022

- Interviewed stakeholders to understand potential areas of improvement for device.
- Created prototype of tool using SolidWorks and pliers to allow occupational therapist to easily adjust patient glove.
- Presented findings to stakeholders and students through oral presentation.

**Dual Modality Parkinson's Disease Sensor Prototype**

September 2020-December 2020

- Researched scope and methods for early detection of Parkinson's Disease in team of 4.
- Innovated prototype and circuit design for dual modality sensor to aid in gait analysis.
- Analyzed current market for detection of Parkinson's Disease.
- Created visually appealing and engaging, informative presentation through Microsoft PowerPoint and iMovie.

## EMPLOYMENT EXPERIENCE

**Medical Assistant, WASHINGTONVILLE PEDIATRICS, Washingtonville, NY**

May 2021-August 2022

- Monitored and recorded average of 35 patients per day obtaining vital signs, triaging medical conditions, and preparing for physician medical treatment.
- Performed and electronically billed for 40+ tests per day (rapid strep, RSV, rapid COVID, rapid flu).

**Receptionist, WASHINGTONVILLE PEDIATRICS, Washingtonville, NY**

May 2021-August 2022

- Managed patient check-in/check-out flow while collecting and updating patient information for 50+ patients daily.
- Triaged 60+ incoming phone calls and forwarded messages in timely manner to doctors or nurses.
- Utilized knowledge of physician time management concerns to schedule patients effectively.

**Ice Cream Worker, WEIR'S ICE CREAM, Salisbury Mills, NY**

June 2017-August 2020

- Trained at least 1 new employee every month on how to interact with customers in a professional, courteous manner, and complete orders quickly.
- Collaborated with team to efficiently fill and manage cash transactions for 100+ ice cream orders per night.

## LEADERSHIP EXPERIENCE

**Student Leader, ENGINEERING SEMINAR CLASS**

August 2020-Present

- Leads student teams to help with engineering thought process and design thinking.
- Advises lab and lecture assignments of groups of 3-5 students.

**Captain and Treasurer, BUFFALO ULTIMATE FRISBEE**

August 2020-May 2022

- Motivated 20 teammates to perform optimally and work together as a team.
- Managed budget of \$12,000 for club tournament transactions involving 2 teams.
- Awarded Most Improved Player as a freshman for work ethic and dedication to growth.

## TECHNICAL SKILLS

Highly proficient using Microsoft Office (Word, Excel, PowerPoint), Nextgen Healthcare, MATLAB/Simulink, Knowledge of C++ and SolidWorks, TikTok, iMovie