

Giana Fontanetta

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EDUCATION:

Cornell University, College of Engineering, Ithaca, NY

Bachelor of Science in Biological Engineering (Expected May 2028)

GPA 3.50

Relevant Coursework: Engineering General Chemistry, Engineering Calculus II, Engineering Multivariable Calculus, Engineering Differential Equations, Computer Science (Python), Physics Mechanics & Heat, Principles of Biological Engineering, Cellular Biology, Statics and Mechanics of Solids

PROFESSIONAL EXPERIENCE:

Clara Maass Medical Center, Belleville, NJ, *Volunteer/Shadow* (May 2025 - August 2025)

- Engaged in active learning of patient care through 120+ hours in the Emergency Department
- Interacted with patients and their families during their visits to facilitate improved care experiences
- Developed my analysis skills by reading an extensive variety of lab and test results, observing suturing techniques, and studying medical terminology and verbiage

ORA Freestyle Italian, Oradell, NJ, *Hostess* (April 2024 - August 2024)

- Managed reservations for approximately 300 guests per night
- Assumed responsibility of training new employees as a member of the opening team
- Worked swiftly to solve guest issues in a professional manner to contribute to return customers

Diopsys (Now Lumithera), Cedar Knolls, NJ, *Summer Intern* (June - July 2023)

- Analyzed graphical data sets, collaborating alongside lead mechanical engineer to test equipment for degenerative eye diseases

LEADERSHIP EXPERIENCE:

Alpha Xi Delta - Alpha Beta Chapter, Ithaca, NY, *Chapter Life VP* (May 2025-Present)

- Manage over \$16,000 of the chapter budget, allocating it across a team of directors, and lead the team to plan all chapter events to provide a positive and engaging experience to members
- Enforce all university and national health and safety regulations and laws to ensure full chapter compliance
- Encourage and provide methods of campus and community involvement to improve interconnectedness both within and beyond the chapter

COMMUNITY SERVICE:

Pony Power Therapies, Mahwah, NJ, *Volunteer* (May - September 2024)

- Aided physically and emotionally in over 50 horse riding lessons for people with disabilities/special needs

Service Project (September 2020 - June 2022)

- Handmade 200+ cards for child patients at Valley Hospital (NJ)
- Made 100+ cards and delivered 100+ food items to essential workers during COVID