
Camaryn Petersen

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EDUCATION

Case Western Reserve University, School of Medicine

August 2023 - Present

MS in Biomedical and Health Informatics

Expected Graduation: August 2024

Case Western Reserve University

August 2019 - May 2023

BS in Systems Biology, Class of 2023

- Minor in Chemistry
- Subspecialty in Bioinformatics & Genetics
- GPA: 3.7/4.0

WORK EXPERIENCE

CWRU Financial Department

June 2023 - December 2023

Data Analyst Intern

- Conducted extensive research and developed a comprehensive model for quantifying faculty productivity.
- Evaluated compensation deciles for thousands of faculty members across several departments and specialties.
- Utilized Microsoft Excel to analyze and report faculty compensation statistics for the 2023 fiscal year.

MP Biomedicals

May 2022 - August 2022

Biochemical Quality Control Intern

- Efficiently cleaned, managed, and reported thousands of data entries for seamless integration into new ERP system.
- Completed quality inspection procedures for biochemical products, including FTIR spectroscopy, RNase/DNase analysis, UV-Vis spectroscopy, melting point, optical rotation, loss on drying, density determination, and pH measurement.
- Investigated the advantages and disadvantages of performing microbial enumeration in the quality control laboratory; the findings were presented to upper level management.

RESEARCH EXPERIENCE

Ciccia Lab for Neurodisorders

September 2021 - May 2023

Undergraduate Research Assistant

- Completed data scoring and analysis for researchers studying the academic, social, and health outcomes of children who have sustained traumatic brain injuries.
- Utilized MATLAB to analyze the data collected by researchers.
- Developed MATLAB program to improve the data scoring procedure.
- Created visual representations of significant research findings; designed accessible infographics to spread awareness about important findings from the studies.

HONORS AND AWARDS

University Scholarship Recipient;

Dean's High Honors Recipient.

VOLUNTEER EXPERIENCE

University Hospital COVID Clinic

January 2021 - April 2021

Vaccine Clinic Volunteer

- Ensured the COVID vaccine registration was accessible to those with technological challenges, collected and registered patient data, and assisted in the successful distribution of vaccines to the greater Cleveland community.

University Hospital's Rainbow Connects Program

February 2021 - April 2021

Rainbow Connects Administrative Volunteer

- Addressed social needs of underserved patients and families, distributed resources and donations, and provided overall support for the program.

Rainbow Babies and Children's Hospital

August 2019 - March 2020

Pediatric Oncology/Hematology Unit Volunteer

- Improved hospital stay for patients and their families by offering resources, activities, and support.