

EDUCATION

Northwestern University – Evanston, Illinois (Expected graduation December 2022)

- Master of Science Biomedical Engineering
- Relevant courses: Statistical Learning for Data Analysis, Wearable Devices: From Sensing to Biomedical Interface, Biomedical Applications in Machine Learning, Introduction to the Data Science Pipeline
- Skills: Python, R, Matlab, Tableau, OpenRefine, Apple Watch data acquisition, signal processing, and featuring engineering

Wayne State University - Detroit, Michigan (May 2020)

- Bachelor of Science, Biomedical Physics (GPA 3.89/4.0)
- Honors College Student, Wayne State Society of Physics Students, Community of Scholars
- Awarded William C. Ford, Jr. Scholarship
- Barber Interdisciplinary Research Program, Summer 2019, Fall 2019

EXPERIENCE

University of Michigan Kellogg Eye Center, Ann Arbor Michigan (November 2020 – August 2021)

Medical Assistant, Department of Neuro-Ophthalmology

- Carried out testing including Humphrey Visual Fields, visual acuity, color vision and intraocular pressure
- Recognize concerns and offer empathy to patients undergoing medical care in the clinic
- Prepped patients for in clinic procedures using sterile technique
- Remained alert and focused during clinical procedures and utilized teach-back method to guarantee safe environment for every patient.
- Facilitate efficient clinic flow by conducting patient interviews and scribing for physicians
- Oversaw instrument processing in busy clinic and maintained equipment

House of Optical, Clawson, Michigan (July 2020 – November 2020)

Ophthalmic Technician

- Administered ophthalmic medical testing including fundus photography, Optical Coherence Tomography, Humphry Visual Field and autorefractor
- Guided patients through procedures to obtain reliable results and ensure comfort throughout medical testing
- Assessed images for clear and reliable data for physician use, determined when testing needed to be repeated

Undergraduate Researcher, Conti Laboratory (May 2019 – July 2020)

Wayne State University, Department of Psychiatry and Behavioral Neurosciences

- Carried out detail oriented biochemical assays on tissue samples to temporally quantify neuroinflammation following traumatic brain injury
- Analyzed images of tissue slices with ImageJ software to spatially identify neuroinflammation
- Organized presentations and communicated lab findings at undergraduate research conferences

LEADERSHIP EXPERIENCE

Wayne State Global Brigades, member (January 2017- August 2019)

President (Fall 2018), Supplies Committee Chair (Fall 2017)

- Contacted companies with philosophies that align with Global Brigades for supply donations, coordinated fundraisers and communicated event details to successfully raise funds for medical supplies
- Developed and improved record keeping of supplies with Microsoft Excel based on observations of previous brigade
- Assisted clinical personal in conducting triage, consultation, visited schools and homes to provide basic health education, and conducted surveys to gather and record data of living conditions.

