

William Kozak

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Education

B.S in Biomedical Engineering | Case Western Reserve University | May 2023

M.S Candidate in Biomedical Engineering | Case Western Reserve University | May 2024

Work Experience

Teaching Assistant

Spring 2023

Assisted students in building circuits and measuring results from these circuits. Graded lab reports from a key. Interacted with students with questions about grading and with the head professor on upkeep of the lab.

Internships

CWRU Biomedical Engineering Summer 2021 Virtual Internship

Summer 2021

Attended live virtual sessions led several times each week by professors, researchers, professional staff, entrepreneurs and others in a host of topics related to biomedical engineering careers, research and technology. Took part in a design challenge.

Dexter Fellows Program 2022

Summer 2022

Used PubMed advanced search to find papers relevant to research. Wrote literature reviews and presented on the topic of delirium in palliative care patients and the treatment of it.

Wen H. Ko Summer Internship Program

Summer 2023

Performed optical microscopy, optical profilometry and electrical measurements on aerosol jet silver traces. Recorded, analyzed and included print optimization. Further tested prints under mechanical loads and then reanalyzed electrical resistance. Presented at poster symposium at end of internship.

Additional Experience

Project Proposal in EBME 427: Study on the Viability of Laponite Spider Silk as an Artificial Anterior Cruciate Ligament Replacement

Capstone Project in EBME 370/380: Improving Community Engagement of Hard-of-Hearing Individuals at Community Events, Team Lead

Skills

- Proficient in Microsoft Office Suite, Solidworks, Matlab, and PubMed search
- Quality technical research skills and scientific writing skills
- Experience in project management
- Strong physiology and biomechanical knowledge