

CALEB SIPWOLI

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Education

08/2019-Present Coe College, Cedar Rapids, IA
Major: Biology & Molecular Biology, Minor: Chemistry
Current GPA 3.48
Anticipated graduation date: 05/2023

Research Experience

05/2021 Advanced research Lab Course(BIO 462), Coe College biology department (8hrs/day)

- Worked on the PARE global project investigating the prevalence of antibiotic resistance in soil bacteria.
- Sequenced PCR amplicons of 16s rRNA genes to identify microorganisms
- Presented a poster of my findings to the class

Work Experience

01/2020-present Phlebotomy Technician (≈24hrs/week)
Mercy Medical Center, Cedar Rapids, IA

- Draw blood from patients in the ICU, outpatients, and emergency room.

08/2020-present Biology Undergraduate Lab Assistant (8hrs/week)
Coe College, Cedar Rapids, IA

- Prepared microbiological media, buffers, and plates as well as data entry and general laboratory maintenance
- Setup and teardown of our introductory biology, genetics, anatomy and botany laboratories.
- Responsible for the bi-weekly maintenance and cleaning of the SynDaver (artificial cadaver) utilized by the Anatomy and Physiology courses.

Volunteer Experience

09/2019-03/2020 Volunteer (2hrs/week)
St. Luke's Hospital, Cedar Rapids, IA

- Checked-in patients to the emergency department escorted patients in the emergency department and assisted triage nurses.
- Assisted family members of patients to their loved ones' respective rooms, and escorted patients in wheelchairs to their needed locations within the hospital.
- Cleaned waiting area, stocked emergency department triage desk.

05/2018-01/2019 Volunteer (5hrs/week)
James L. West Alzheimer Center-Fort Worth, TX

- Worked with elderly patients between 60-90 years,
- Providing care and support to patients and staff members through Music and Memory; a program that helps patients cope with Alzheimer's, dementia, and other cognitive and physical challenges to reconnect with the world through music-triggered memories

Extracurricular Activities

08/2017-05/2019 Cadet Second Lieutenant, Logistics Officer
Cater-Riverside Junior ROTC

- Provided inventory of all supplies and ensured every Cadet had their uniform in proper attire.

09/2019-08/2021 Member of the Unimovers (varied)
Cedar Rapids, IA

- Worked with a group of college students to help people move during my free time.