DARYA JAMESON

BIOLOGY LAB TECHNICIAN

CONTACT

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Santa Barbara, CA

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EDUCATION

B.S. in Biology Pepperdine University August 2018 - May 2022 (anticipated) Santa Barbara, CA

Relevant courses

Metabolism in Microbiology Biology Lab Methods Intro to Social Determinants of Health

SKILLS

Software (R, Python, Tableau)

Data Visualization

Research

Meticulous

Independent Work

Collaboration

CERTIFICATIONS

Certified Laboratory Technician

CAREER OBJECTIVE

Biology major seeking on-campus employment at the Health Disparities Research Lab at Pepperdine University, where my internships in undergraduate research in related fields, skills in independent work, collaboration, and curious disposition would make me a valuable contributor as a Biology Lab Technician.

WORK EXPERIENCE

The Center for Exercise Physiology and Nutrition Intern

2020 - current / Santa Barbara, CA

- Collected samples from 310+ participants, ensuring sterile handling procedures to produce accurate lab results
- Aided 4 graduate students in conducting wet-lab procedures, processing samples, collecting data, and interpreting it
- Measured athlete respiration in altitude simulates, developing ground-breaking results on the physiological makeup of 6 pro athletes
- Co-authored 2 papers in the Journal of Exercise Science in 2020

Neurobiology and Early Childhood Development Laboratory

Intern

2019 - 2020 / Santa Barbara, CA

- Collaborated with 7 interns to develop a database of biological markers of childhood stress against negative childhood experiences
- Designed and conducted 3 independent experiments, providing insight into parenting intervention and health outcomes
- Streamlined processes, developing a rulebook for video digitization and data visualization using Tableau, eliminating 40+ work hours

PROJECTS

Pepperdine University Biology Thesis

- Developed research project from scratch, sourcing available data and transforming it into compelling visualizations that won the 2021 Award for Student Research Excellence
- Used COVID-19 data to explore health disparities by race and ethnicity in disease morbidity and mortality, publishing findings cited in 6 major publications
- Coordinated with the biology department to use 43 types of software to determine the strongest visual representation of data