

# AVERY ZUCKERMAN

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Austin, TX 78705

## EDUCATION

**The University of Texas at Austin**, Austin, TX

August 2019 – May 2023

*Bachelor of Science and Arts, Biology*

- GPA: 3.84
- Minor in Sociology
- Relevant Coursework: Elements of Data Science (Data Wrangling, Visualization, Tidying, Programming Tools, Communication, and Teamwork, Machine Learning Techniques, and became proficient in RStudio and the basics of Python) and Organic Chemistry Lab (Centrifuging, Pipetting, Titrating, and Scientific Writing)

## EXPERIENCE

**DR. THERIOT ALGAE LAB**, Austin, TX

May 2022 – Present

*Lab Assistant*

- Extract DNA from lake samples to then quantify the DNA to assess growth of the algae
- Mastered pipetting, centrifuging, pelleting, DNA quantifying and DNA extractions
- Assist the graduate students and Dr. Theriot with their lab work and projects when needed

**WORLDWIDE CLINICAL TRIALS**, San Antonio, TX

June 2021 – June 2022

*Research Technician*

- Gather and centrifuge multiple blood samples simultaneously each at their appropriate temperatures and settings
- Pipette plasma into aliquots using both disposable and calibrated pipettes
- Ensure blood samples are centrifuged, pipetted, and frozen according to study protocol requirements and that lab equipment is calibrated and properly maintained
- Collect and process urine, spiking the sample with balanced additives when appropriate and perform Blood Harvesting

**POST ACUTE MEDICAL SPECIALTY HOSPITAL**, New Braunfels, TX

June 2020 - March 2021

*Dietary Aide*

- Prepare patient trays according to menu and dietary orders and deliver snacks according to dietary needs/restrictions
- Assist cooks and other dietary staff with various tasks as needed such as with inventory and stocking the kitchen.
- Coordinate with supervisors to order and maintain appropriate levels of supplies.
- Clean and sanitize work areas, equipment, utensils, dishes, silverware, and trays

## LEADERSHIP & COMMUNITY INVOLVEMENT

**DELL CHILDREN'S MEDICAL CENTER**, Austin, TX

January 2020 - Present

*Volunteer Cochair and Volunteer*

- Create volunteer schedules and ensure that volunteers are upholding the mission of the hospital while volunteering
- Help patients and their families navigate the hospital and make deliveries to patients' rooms
- Restock medical cabinets, clean rooms once patients are discharged, accompany, and entertain the patients, and assist the nurse's station as needed

**GLOBAL MEDICAL TRAINING**, Austin, TX

January 2020 - Present

*Member and Tripper*

- Attended the Summer 2022 Dominican Republic Trip and took vital signs, patient history, and formulated a care plan based on the patient assessment. Prescribed medication and encouraged lifestyle changes to the patients alongside a practicing physician. Diagnosed, treated, and educated 625 patients in the Dominican Republic on the Summer 2022 trip
- Participate in biweekly informational meetings, attend panels with medical professionals, and take part in local community service events

**413 FITNESS**, Austin, TX

October 2021 - Present

*Volunteer*

- Assist with boxing clinics and demonstrate mobility exercises for individuals with Parkinson's Disease
- Became a sub coach and teach classes

**ALPHA DELTA PI (GREEK SORORITY)**, Austin, TX

August 2019 - Present

*Member*

- Helped raise over \$75,000 for the Ronald McDonald House Charities over the past two years through philanthropy events such as the annual PiHOP, Lion Share, and ADPI Unleashed

**PHI DELTA EPSILON (MEDICAL FRATERNITY)**, Austin, TX

January 2021 - Present

*Member*

- Participate in informational meetings, take part in volunteering and fundraising events for Dell Children's Medical Center
- Attend medical networking events and interact with panels of medical professionals

## SKILLS

**Programming Languages:** RStudio and Python

**Languages:** Intermediate Spanish

**Certifications:** Basic Life Support (CPR and AED) and Texas Food Handler Safety Certificate