



Jack Kagan

jack.kagan@emory.edu

832-517-8491

EDUCATION

Bachelor of Science, Environmental Science (Earth and Atmospheric Science track)

May 2024

Emory, Atlanta, Georgia

- 3.97 GPA; 4.0 major GPA

RESEARCH INTERESTS

I would like to conduct research on soil science whether it be a wet lab or data analysis. Additionally, I would like to conduct research on some aspect of atmospheric science.

RESEARCH EXPERIENCE

Position #1 Gillespie Lab Assistant

August 2021– present

Gillespie Lab, Atlanta, Georgia

- I tested feces samples from African gorillas and chimpanzees. I identified various parasites in these samples by looking at these samples under a microscope.

Position #2 Sihi Lab Assistant

January 2022 – present

Sihi Lab, Atlanta, Georgia

- Research work in Dr. Sihi's lab includes soil testing, empirical studies, and process-based modeling.

PROFESSIONAL & WORK EXPERIENCE

Position #1 Houston Botanic Garden Intern

May 2021 – July 2021

Houston Botanic Garden, Houston, Texas

- During this internship I worked with different horticulturists every week. I worked outside in the garden most days and learned a variety of planting techniques as well as the logistics of operating a large garden.

Position #2 Sophomore Advisor

August 2021 – Present

Emory University, Atlanta, Georgia

- As a sophomore advisor I am a part of the ResLife organization. I live in a dorm with first year students, and my job is to build community both on my floor and in the dorm as a whole. I have accomplished this by bonding with residents, planning events for the hall, and mentoring residents.



Position #3 Contract Debate Judge

August 2020 – February 2021

Texas Forensics Association, Houston, Texas

- Various debate tournaments in Texas would hire me to judge debate rounds.

TEACHING & MENTORING EXPERIENCE

Position #1 Maverick Debate Instructor

June 2017 – July 2019 (Summers only)

Maverick Debate, Houston, Texas

- I would teach middle schoolers the basics debate events such as public forum debate. I would also teach the basics of public speaking since that is useful in almost any career path one chooses.

CONFERENCES, WORKSHOPS & TRAININGS

PUBLICATIONS & PRESENTATIONS

HONORS & AWARDS

Emory Dean's List

Fall 2020

LEADERSHIP & SERVICE EXPERIENCE

Berry Elementary, Project Leader
Emory RHA, Hall Sustainability Chair
Emory ResLife, Sophomore Advisor

May 2016 – July 2019 (Summers only)
August 2020 – Present
August 2021 - Present

PROFESSIONAL COMPETENCIES

Experience coding with R Studio software, proficient with a microscope, can conduct choice assays, have experience with yeast and C.elegans as model organisms.

RELEVANT COURSEWORK

QTM 100	Fall 2020
ENVS 130	Fall 2020
CHEM 202	Spring 2021
ENVS 229	Fall 2021
ENVS 131	Fall 2021
BIOL 141	Fall 2021
ENVS 285	Spring 2022
QTM 150	Spring 2022