

Aditya Kolisetti

Emory College of Arts and Sciences, Undeclared Major (Graduating 2024)

“Interested in biochemical analysis and natural science research ventures, concentrated in pharmacology, toxicology, immunology and biochemical pathways.”

Academic Information

Cumulative GPA: 4.0/4.0; Dean’s List (3 semesters)

Relevant Coursework: PCR, Organic Chemistry (Intro), Gene Expression, Differentiation and Calculus, Sample Collection and Preparation, Chemical Equilibrium calculations, ELISA assays, Agar plating and Gel runs, Reaction Kinetics, Reflux, Organic Synthesis

Professional Experience and Involvement

Scholarly Inquiry and Research Experience (SIRE) Program August 2021– May 2022

- Have been accepted into Emory’s SIRE undergraduate research program^[1] for the 2021-2022 academic year. I intend to perform 9 weekly hours of research under a mentor, eventually presenting my data as a poster at an Emory symposium.

Emory University: ChEmory Journal Club January 2021 – Present

- Attendee of bi-weekly journal readings in the chemical sciences, engaging with researchers and graduate student presenters.

Research Assistant in the Sihi Lab September 2021 – Present

- Research assistant for Dr. Debjani Sihi in the Environmental Sciences Department of Emory. Currently working on HPLC/Mass-spec of soil necromass samples to monitor mineralized carbon deposits and amino sugar concentrations as CO₂ sinks.

Teaching Experience

Informal Student-led Review Group January 2021 – Present

- Led an informal, organized study session for all Chemistry 203 students in my dorm each Friday, culminating in a grade-point increase in 80 % of attending students, continuing from the summer of 2021 as independent contractual teaching.

Chemistry Learning Assistant (LA) Present – May 2022

- Worked as part of the CHEM 150 LA group and am confirmed to continue into the academic year of 2022-2023. Working to help students with chemistry through weekly review sessions, alongside in-class student leadership and peer mentoring.

Connect-In-Place Summer Classes July 2021 – August 2022

- Applied to and successfully entered Connect-In-Place^[2], a student-led non-profit aiming to provide educational empowerment to high- and middle-school students. Taught a course on Quantum Chemistry for a duration of one month to 15 students.

Emory Science Olympiad Test Writer December 2021 – March 2022

- Author of the Green Generation section of the Georgia state Science Olympiad.

Community Service

Eka Educational and Charitable Trust^[3] January 2019 – Present

- Board Member of an educational organization for the underprivileged and mentally divergent; has graduated 2 batches of students and is beginning vocational training for a third batch.

Copy Editing for the Emory Wheel January 2021 – May 2021

- Completed training for copy-editing at the Emory Wheel, and assisted in the editing process for half a semester.

Contacts/Personal Info

Aditya.kolisetti@emory.edu

+1 404 980 6063

+91 821 789 1241

United States Citizen

Professional Competencies

Microsoft Excel, Word

Critical Writing techniques
+ essay formatting

Data entry

Timetabling and Deadline
Management

References

Dr. Eladio Abreu, PhD,
Emory College

Dr. Douglas Mulford, Senior
Lecturer, Emory College

Cameron Pratt, Doctoral
Student/Mo, Laney
Graduate School

Interests

Poetry, Writing, Yoga,
Calisthenics, character
sketching, video games,
pixel art (you can find my
pieces [here](#))