

**DB****DIYA BHAT****COMPUTATIONAL AND SYNTHETIC BIOLOGIST | UT AUSTIN
UNDERGRADUATE STUDENT**

Austin TX-78705 • 214-554-4837 • diyabhat@utexas.edu

SKILLS

DRY LAB

- Proficient in Python, R, and HTML
- Experience with protein/gene sequence alignment tools like Jalview and breseq
- Experience using ELNs
- Technical/content/manuscript writing

WET LAB

- Trained as laboratory technician
- Experience working in a BSL-2 lab
- Transformations, PCR, cell cultures, site-directed mutagenesis, cloning, RNA/DNA purification

LINKS

- LinkedIn:
www.linkedin.com/in/diya-b-974274101
- iGEM Project:
https://2019.igem.org/Team:Austin_UTexas
- Personal website:
<https://diyabhat.netlify.com/>

EDUCATION

COMPUTATIONAL BIOLOGY (B.S) • UT AUSTIN • MAY 2020

GPA: 3.7

Featured on University Honors List for 3 different semesters.

EXPERIENCE

2019 IGEM SYNTHETIC BIOLOGY TEAM JANUARY 2019 – PRESENT

- Worked in the Barrick Lab to develop an assay to measure, quantify, and standardize the metabolic burden imposed by over 300 distinct genetic circuits on a DH10B *E.coli* host strain.
- Presented at the World iGEM Conference in Boston.
- Received the Gold Medal and Best Measurement Award, and nominated for the Foundational Advance Award from over 350 international teams.
- Co-built team website: https://2019.igem.org/Team:Austin_UTexas

DATA ANALYTICS INTERN AT THE NATIONAL CENTER FOR BIOLOGICAL SCIENCES, INDIA JUNE 2016 – JULY 2017

- Worked on two separate projects pertaining to marine biology: 'Restoration of Denuded Reefs in the Andaman and Nicobar Islands' and 'Understanding the Effect of Epiphytic Algae and Sedimentation on Dugong Herbivory'.
- Generated reports and analyzed data for the two projects using R and Excel.

COLLEGE OF NATURAL SCIENCES MENTOR, UT AUSTIN MAY 2017 – MAY 2018

- Mentored a class of 20 first-year science students by providing academic and career advice via a weekly session and one-on-one meetings.
- Trained for a year in the field of professional communication and leadership.

RESEARCH INTERN AT THE INDIAN TOBACCO COMPANY (ITC) JUNE 2018 – JULY 2018

- Shadowed an industrial researcher who worked exclusively in a laboratory environment.
- Trained with advanced laboratory equipment and methods.