

RAYA TABASSUM

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EDUCATION

New York University Abu Dhabi, Abu Dhabi, UAE

May 2025

B.A in Interactive Media and Computer Science, Cumulative GPA: 3.5

Relevant courses: Discrete Mathematics, Intro to Computer Science, Writing Seminar, Communications Lab, Intro to IM, Calculus

PUBLICATION

October 2021

"A student led computational screening of peptide inhibitors against main protease of SARS-CoV-2", Khan, AT, et al.,

Biochemistry and Molecular Biology Education (IUBMB Journals), Wiley Publications,

<https://doi.org/10.1002/bmb.21580>

INTERNSHIP

Producer's Trust, Abu Dhabi, UAE

July 2022-September 2022

- Worked as a Sales and Marketing Associate in the international food-chain company to act as the main point of contact for users and customers and promoted the StoryBird app to prospective companies using HubSpot email sequences
- Managed the sales funnel by supporting proposal development and coordinating customer onboarding with each Head of Line of Business

ámamaxa – Nonprofit Organization, Abu Dhabi, UAE

Social Media Manager(Voluntary)

July 2022-October 2022

- Collaborate with the social media team to schedule 1-2 posts per week and organize social media campaigns and special events and engage prospective organizations in the voluntary process
- Attend weekly marketing meetings and check Slack daily to advise the members on content and ideas for posts

The Red-Green Research Centre, Dhaka, Bangladesh

August 2021-September 2021

- Conducted research on molecular docking of main protease of SARS Covid-19 virus with a team of 18 researchers
- Used different software such as Discovery Studio, PyMol etc. for constructing peptide models of Mpro and peptide docking using FireDock and PatchDock server

LEADERSHIP & COMMUNITY INVOLVEMENT

NYUAD Office of Global Education, Abu Dhabi, UAE

Community Based Learning Student Assistant

October 2022-Present

- Assist the Office of CBL in finalizing logistics for faculty and supervise earning engagements off and on campus
- Plan and host events and welcome on-campus guest speakers, write documentations for administrative purpose

NYUAD Office of Class Year Experience, Abu Dhabi, UAE

First Year Peer Facilitator, Second Year Experience Committee member

August 2022-Present

- Co-organize the welcome week 'Marhaba' and take part in the logistics and staffing of the trips; facilitate the First Year Dialogue sessions weekly for the students to actively assist with their integration into NYUAD
- Brainstorm ideas and organize events for the second year students in collaboration with the Student Affairs office

NYUAD Summer Academy, Abu Dhabi, UAE

Managing Assistant

July 2022-August 2022

- Support and assist 90+ talented high school students of Class of 2022 & Class of 2023 for the university prep program
- Liaise along with the administrative department in a rigorous schedule and supervise inter-city excursions as a guide

NYUAD TASHAN: Association of South Asian Cultural Understanding, Abu Dhabi, UAE

Bangladeshi Representative

January 2022-May 2022

- Promoted the Student Interest Group for increased engagement on social media
- Idea collaboration for future in-person events and co-organized with the executive board

NYUAD Student Government Programming Board, Abu Dhabi, UAE

Executive Member

August 2021-December 2021

- Promoted events and projects through posters on site as well as engagement on Instagram and Facebook
- Co-organized 5 in-person and virtual social events like Halloween party, Open Mic Night, Treasure Hunt etc. that engaged over 120+ students

JENESYS (Japan-East Asia Network of Exchange for Students and Youths), Tokyo/Miyagi, Japan

Former Participant

November 2019-December 2019

- Represented country on international platform and shared intercultural resources; performed live music in front of international audience
- Communicated with participants from 8 SAARC countries and developed strong bond of community within

SKILLS

Languages: English (Fluent), Bangla (Native), Hindi (Conversational), Urdu (Conversational)

Software: Python, HTML, CSS, JavaScript, Canva, Adobe Suite(Photoshop and Illustrator), MS Office Suite, Google Suite, GitHub, Notion, HubSpot, Confluence