

ABOUT

I am a highly motivated UAE national with a strong foundation in research, academic writing, and data analysis. I am passionate about contributing to organizations through evidence-based decision-making.

EDUCATION

Sep. 2019 – May 2023

BSc Biology, Specialization in Brain and Cognitive Science NEW YORK UNIVERSITY, ABU DHABI
 Relevant courses: Multi-variable Calculus for Science and Engineering · Physics 1-3 · Lab in Visual Neuroscience · Cognitive Neuroscience · Molecular Neurobiology · Experimental Neurobiology · Decisions and the Brain · Biochemistry · Organic Chemistry · Research Seminar in Psychology · Tolerance in the UAE (philosophy) · Boundaries (political science)

SKILLS

Languages: Fluent in both English and Arabic.

Strong knowledge in **Data analysis, Python, MATLAB, Linear fixed effects modeling, Regression modeling, Data coding and cleaning, Research methodology and literature searching, Latex**

Working knowledge in **Web-based data visualization**

Basic knowledge in **Multi-variable pattern analysis**

Frameworks: **Google Colab, Jupyter Notebook, Microsoft office**

EXPERIENCES

Intern	Neurology and Neurosurgery Group at Manchester University Used python to develop a web-based dashboard for interactive visualization for a meta-analysis of myelomeningocele-associated hydrocephalus data. Collaboration with the author led to an intuitive representation of data. The functioning dashboard provides a visual representation of data, facilitating exploration and analysis. Contributed to research dissemination and understanding of management outcomes.	NOV. 2022 -- PRESENT
Capstone Student	Rokers Vision Lab Contributed to the MENA region dataset in the Virtual Research Institute (VRI), led by Dr. Bas Rokers. Designed the behavioural and genetic protocol independently. Collected data from 81 participants and conducted brain scans on 34 subjects. Collaborated closely with Dr. Bas Rokers to align the project. Substantial data collection from a specific UAE population age group contributed to understanding neural measures and visual performance. Data were analyzed using MATLAB. This culminated in 9,000-word research paper that was successfully defended in front of a 4-person defence committee.	APRIL. 2022 -- MAY. 2023
Chair	Health and Wellness Committee (Student Government) Collaborated with the administration to advocate for student concerns and enhance their physical and mental health. Created a survey measuring student attitudes toward campus health services. Successfully negotiated lower pricing for selected essential products in the convenience store. Participated in recruiting a new psychiatrist, moderated and organized a panel with the NYU deputy Title IX coordinator. Planned a blood drive with SEHA. Planned a pre-med panel. Amended the health statement in the university syllabi. Received Student Leader Training. Achievements include increased awareness of health services, improved affordability, enhanced mental health support, and more inclusive syllabi. Demonstrated progress through successful initiatives, decision-making involvement, and positive impact on the student community.	JUL. 2022 -- MAY. 2023
Research Assistant	Sreenivasan Lab Conducted literature searches and collected behavioural data for a Serial Dependence Working Memory research project.	FEB. 2023 -- MAY. 2023
Senior Research Assistant	CoronaNet Research Project I managed a team of 7 research assistants, ensuring progress in data cleaning. As part of the executive committee, I collaborated with the principal investigators to develop guidelines and training for 700 remote research assistants worldwide. I used project management platforms, communication tools, and data analysis software. I led a team of 10 research assistants coding COVID policies. These efforts achieved consistent progress, equipped remote assistants, and provided comprehensive COVID policy information. I also designed a dashboard that served as the primary internal knowledge-base for the entire project.	AUG. 2020 -- JAN. 2022
Committee Member	Science Committee (Student Government) Working with the student government as the Psychology representative. This includes brainstorming programming and other opportunities for psychology students and being a point of contact for general advice. I also was a panellist to Marhaba events that were on the topic of academic advice.	SEP. 2021 -- JAN. 2022
Committee Member	University Curriculum Committee (Student Government) Reviewed Spring and J-term syllabi and offered a student perspective on pending courses.	SEP. 2021 -- NOV. 2021
Committee Member	Student Activities Planning Committee (Student Government) Collaborated with a team of students to help NYUAD's Student Life create guidelines for virtual programming for the Fall 2020 semester. This committee was created to tackle the continuation of the COVID-19 pandemic.	JUL. 2020 -- SEP. 2020
Student Shadow	HEAL Clinical Education Studied in-depth patient cases, learned about diagnosis and symptoms, and developed an understanding of the practice of health care through the course.	JUL. 2021 -- AUG. 2021
Student Assistant	Office of Student Life Created a curriculum for Student interest Group leadership training for Fall 2021.	JUN. 2021 -- AUG. 2021
Research Assistant	CoronaNet Research Project Researched national and sub-national policies aimed toward responding to COVID-19. Coding these policies from internet sources through Qualtrics Survey. Also compared coded policies from CoronaNet to other data sources as a method to evaluate its completeness	APR. 2020 -- AUG. 2020
Volunteer Math Tutor	NYUAD Community Outreach / Hillary Ballon Center for Teaching and Learning Tutored students academically impacted by the COVID pandemic.	APR. 2020 -- JUL. 2020