

# FATHIMA NAINA MARIKAR

## PERSONAL PROFILE

With a passion for computational biology, medical oncology, and hematological cancers, I hope to gain hands-on lab experience, and an opportunity to apply my theoretical knowledge to a practical setting. My ultimate goal is to contribute to healthcare advancements, and bring science one step closer to a breakthrough.

## AWARDS & ACHIEVEMENTS

Exceptional Achiever – 4th Middle East Education Awards (2023)

First Place Winner - RIT x Yas in Schools ADNOC 4x4 Challenge (2023)

Third Place Winner - American University of Sharjah x Emaratech School Computing Competition [ Programming Track ] (2023)

Highest Contribution to Information Technology – Arab Unity School (2023)

Certification of Recognition – Youth Ambassador Program for Inclusion (2023)

Exceptional Achiever – 3rd Middle East Education Awards (2022)

Highest Achiever in Year 12 Psychology – Arab Unity School (2022)

## EDUCATION

### Deakin University, Australia

Bachelor of Biomedical Science

July 2023 - Present

Coursework: Cell Technology, Hematology and Immunology, Cells and Genes, Biology: Form and function, Systems Physiology\*, Molecular Diagnostics\*, Genetics and Genomics\*.

\*: Completion in October 2024.

Cumulative WAM: 79

### Arab Unity School, United Arab Emirates

Cambridge International A-Levels

September 2021 - June 2023

- Biology – A\*
- Psychology – A
- Information Technology – A

## VOLUNTEERING EXPERIENCE

### Hospital Volunteer

The Alfred Hospital

June 2024 - Present

- Assisted patients with mobility, provided companionship, and facilitated communication between patients and medical staff to ensure their needs were met.
- Worked collaboratively with nurses, doctors, and administrative staff to support overall hospital operations and patient care.
- Inventory and stocking of medical supplies and equipment, ensured that departments had the necessary materials.

## General Committee

Deakin University Biomedical Society  
March 2024 - Present

- Assist in organizing society events and activities, promote member participation, and support logistical arrangements.
- Aid executive committee members, manage administrative tasks, maintain effective communication with members, and represent the society at university events.

## Student Liaison

UAE Aspiring Medics &  
Scientists Conference

March 2023

- Facilitated networking opportunities by connecting attendees and panelists with common interests in the field of medicine and science.
- Handled logistics and troubleshooting to ensure smooth operations and resolved unexpected issues.
- Received positive feedback from participants and organizers for efficient assistance and support.
- Contributed to the seamless execution of the conference, enhancing the overall attendee experience.

## Assistant Area Manager

Emirates Airline Festival of Literature  
February 2023

- Planned and executed all aspects of the festival's events in an assigned area, including scheduling authors, securing venues, and managing logistics.
- Handled all customer inquiries and complaints in a professional and timely manner.
- Maintained a positive and welcoming environment for all festival guests.

## SKILLS AND ABILITIES

- Python, JavaScript, R.
- Microsoft Applications.
- Optical Microscopy, Hematoxylin & Eosin Staining.
- Hemocytometer, MTT assay/
- DNA isolation, Agarose Gel Electrophoresis.

## CONTACT INFORMATION

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