
Inaya Fawad

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PROFILE AND OBJECTIVE

Driven student with a strong foundation in Chemistry and a deep commitment to contribute to the hunger crisis and malnutrition challenges in third world countries. Passionate to enhance my skills and contribute to innovative solutions that provide sustainable nutrition and food security to vulnerable populations.

EDUCATION

Jumeirah College, UAE

AUG 2022 - PRESENT

- A Levels Subjects (Scores): Biology, Chemistry, Mathematics
- AP Course (Score): Psychology
- GCSE Courses (Scores): Mathematics (9), Biology (9), Chemistry (8), English Literature (8), Geography (8), Physics (7), Psychology (7), English Language (7) and French (7)

WORK EXPERIENCE

Intern, Unity Foods, Pakistan

APR 2023 - PRESENT

- May 2025 Authored an insightful article exploring the critical issue of hunger in Pakistan. ([Zero Hunger in Pakistan: A Chemistry Student's Vision for Sustainable Solutions - Pakistan Observer](#))
- **Mar 2025 School adoption project and awareness workshops in Bin Qasim Industrial Area on malnutrition and zero hunger**
- **Jul 2024** Assisted chemical engineers for two weeks in developing biofuels; researched development of sustainable biofuels by utilizing palm oil, food waste and animal waste; learned oil refining processes in lab; contributing to renewable energy goals and supporting the local economy, addressed UN SDG two, Zero Hunger, EU Climate action Fit for 55 policy ([Unity Foods pursues long-term biofuel export agreements - World Bio Market Insights](#))
- **Jul 2023** Researched for two weeks as part of an innovation team for Sunridge Foods, a food production subsidiary of Unity Foods; conducted primary research on Chakki Atta and flours available in Pakistan; presented findings to management team ([Sunridge Foods' FiberFit Digestive Atta: Nourishing Wellness from Within - Profit by Pakistan Today](#))
- Experimented with wheat bran as grain additive to increase the fiber contents without compromising taste; tested components in lab, investigating particle size, moisture level, gluten index, pH levels and seed count
- **April 2023** Assisted for two weeks in the *Taqatwar Pakistan* program, an initiative to combat food insecurity in Pakistan; researched and presented findings on the psychological effects of food insecurity; Published ([The unseen strength of Taqatwar Pakistan: A journey towards hope and empowerment - Profit by Pakistan Today](#))

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Student Researcher, Lumiere Research Program, Virtual

JUN - SEP 2024 (3 Months)

- Researched and wrote *How Do Subjective Experiences of Trauma, Influenced by Genetic Predispositions and Environmental Factors, Contribute to Neurobiological Changes in the Brain, Impacting Both Emotional and Physical Responses to Traumatic Events?*

Student Intern, King's College Hospital London, UAE

DEC 2024 (2 Weeks)

- Shadowed in the Emergency and Radiology Departments, the Outpatient Clinic, and the Laboratory; learned practical applications of chemistry in medical diagnostics; observed procedures including blood analysis, biochemical testing and imaging techniques.
- Gained insights on using chemistry to improve health outcomes particularly in addressing nutrition-related challenges

AWARDS

- Silver (2024), Bronze (2023), *Duke of Edinburgh*
- Global round qualifier (2023), *World Scholars Cup*
- Best Delegate (2024, 2023) Best Position Paper (2023), *Model United Nations*

LEADERSHIP AND ACTIVITIES

House Representative, Jumeirah College, UAE

AUG 2023 - PRESENT

- Elected after a process that included a speech and a vote by students and teachers
- Organized all house & school events, such as sports competitions & school assemblies
- Attended monthly meetings with Head of Year

Secretary General, Model United Nations, UAE

AUG 2023 - PRESENT

- Led students in weekly MUN meetings, facilitated debates and drills on global issues and frontiers in human advancement; served as head of administration (fall 2024), secretary general

Founder, STEM for Girls, UAE

JAN 2025 -

PRESENT

- Founded a school club to encourage girls exploration of STEM subjects; organized practical workshops, key speakers and a collaborative environment

COMMUNITY SERVICE

Charity Committee, Jumeirah College, UAE

AUG 2022 -

PRESENT

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- **Palestine Box Drive:** all school basic necessities were collected and then packaged into boxes to donate to the school support staff
- **Ramadan Fridge:** Collected food to fill in the refrigerator right outside the school campus
- **Christmas Support Staff Box Drive:** all school basic necessities are collected and then packaged into boxes to donate to the school support staff

The Citizens Foundation Pakistan: made a post , raised over 5000 AED to help build and run schools in the urban slums of Pakistan. Uneducated and poverty

Indus Hospital – raised money , poverty, healthcare

Founder of the Community – ChemSolutions for Zero Hunger in Pakistan – Dec 2024 / Jan 2025
Founded this to address food insecurity through community engagement and education.
Organised workshops on sustainable agriculture and nutrition, empowering the youth and collaborate with local organisations to foster innovation and inspire to commitment to a hunger-free future of Pakistan.

SKILLS

Languages: English, Urdu (Fluent), French (Conversational)

Computer: Adobe Photoshop, Lightroom, Light Motion Video Editing

Extracurricular Activities: Active member of the school basketball team, participating in regular practices and competitions. Engaged in recreational basketball outside of school once a week, utilizing the sports as a means to stress relief and personal enjoyment – Aug 2022 to present