

MOMEN JOMAA ALI MOHAMMED
Food Technology, Clinical Nutrition & Public Health Specialist

 Cairo, Egypt

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Profile

Dedicated senior researcher passionate about enhancing quality of life through sustainable practices. Committed to leveraging scientific knowledge to achieve personal and communal goals. Strong advocate for sustainability in food technology, public health and nutrition.

Professional Highlights

- 4+ years of combined experience in clinical nutrition, food technology, and academic instruction.
 - Expertise in personalized diet plans for individuals with diabetes, obesity, cardiovascular diseases, and cancer.
 - Active online educator and content creator providing nutritional education through digital platforms.
 - Involved in research and product development related to probiotic foods, bioactive compounds, and sustainable processing.
 - Passionate about linking science, sustainability, and community health through innovation and awareness.
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Skills

- Excellent Communication & Critical Thinking
 - Attention to Detail & Analytical Skills
 - Creativity & Innovative Problem Solving
 - Sustainability Practices & Public Health
 - Ability to Work Under Pressure & Leadership
 - Computer Skills: Microsoft Office (Excel, PowerPoint, Word)
 - Research Design & Data Analysis (R, SPSS)
 - Clinical Nutrition & Diet Planning
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Experience

Chief Technology Officer (CTO)

Lyteen Foods, Egypt | Full-time

July 2026 – Present

- Lead the company's technology, innovation, and product development strategy.
- Oversee Research & Development, product innovation, process optimization, and technical operations.
- Drive commercialization of new food products from concept through market launch.
- Collaborate with executive leadership to align technology initiatives with business growth objectives.
- Lead cross-functional teams to ensure product quality, regulatory compliance, and operational excellence.

Executive Director of Research & Development

Lyteen Foods, Egypt | Full-time

May 2026 – July 2026

- Established and led the Research & Development department for a food manufacturing startup.
- Developed product development systems, innovation workflows, and stage-gate processes.
- Led new product formulation, pilot trials, process scale-up, and commercialization.
- Coordinated with production, procurement, marketing, and quality teams to ensure successful product launches.
- Managed technical documentation, product specifications, and continuous product improvement initiatives.

Research & Teaching Assistant

Heliopolis University, Cairo, Egypt | Full-time

Faculty of Organic Agriculture – Department of Food Processing Technology

January 2026 – Present

- Assist in teaching undergraduate courses in Food Processing Technology and related food science disciplines.
- Support laboratory practical sessions, student research projects, and academic supervision.
- Conduct scientific research in food processing, food quality, and sustainable food technologies.
- Prepare laboratory experiments, technical reports, research publications, and grant-related documentation.
- Participate in curriculum development and departmental academic activities.

Online Tutor & Course Instructor

Fillo | Part-time

April 2025 – Present

- Deliver live online courses and provide academic mentoring to students from diverse educational backgrounds worldwide.
- Develop comprehensive educational materials, presentations, assignments, and assessments.
- Teach courses in Food Science, Food Engineering, Nutrition, Food Microbiology, Medicinal Plants, Health Sciences, Pharmacy, and Medical Sciences.
- Simplify complex scientific concepts using interactive and student-centered teaching methodologies.
- Monitor student progress and provide personalized academic guidance to improve learning outcomes.

Internships

- **Medical Analysis** — Elsafwa Laboratory, Cairo, Egypt, May 2021 – July 2021
- **Medical Analysis** — Language and Contentious Education Center, Tanta University, Egypt, September 2020 – October 2021
- **Food Processing Technologist**
Agricultural Research Center – Egypt — Jan 2025 to Aug 2025 (Cairo)
 - Gained hands-on experience on the dairy production line/laboratory; formulated several milk-based products; conducted milk analysis, microbiological testing and food safety protocols.
- **Medical Operations Team Member**
Zohairy Hospital — Jun 2023 to Nov 2024 (Cairo)
 - Involved in surgical oncology operations, public health initiatives, infection control and epidemiology of various diseases; supported good practices in operating rooms and post-operative care.
- **Food Technologist**
ISIS Organic — Feb 2022 to Jun 2022 (Egypt)
 - Training in food production, quality control, food safety and production line management for medicinal herbs; hands-on experience on drying, separation, and quality standards.

Co-Founder

FAO Model, Heliopolis University — March 2022

Guest Speaker

FAO Model, Online Session — August 24, 2024

- Presented on qualitative and quantitative research, engaging with professionals and students.

Journal Reviewer

- Reviewer at International Journal of Agriculture and Environmental Information Systems (IJAEIS), from June 2025
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Education

- **Bachelor of Science in Food Processing Technology (BSFT)**
Faculty of Organic Agriculture, Heliopolis University, Egypt
Graduated- January 2025 - (Very Good)
 - **Bachelor of Health Science (BHS, BSHS)**
Faculty of Health Science, University of the People, California, USA
Graduated 20 Aug 2025 - (Very Good)
 - **Post graduate Diploma in General Nutrition (PGD .CN)**
Graduated, Zewail Academy of Egypt, 2025- (Excellent)
 - **Master's degree professional in Clinical Nutrition (MCN, Ms.CN)**
Faculty of Medical Sciences, American University for Science, USA
Graduated 15th February 2026- (Excellent)
 - **Doctorate degree in Clinical Nutrition (DrCN)**
Department of Clinical Nutrition & Public Health, School of Health Science, Koning's College London- Current
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Certifications & Courses

- **Course in Drug Development** — Medix, BUE Center of Drug Development, Faculty of Pharmacy, Summer 2024
- **Diploma in Medical Analysis** — TIPA International Academy for Engineering and Medical Science, Dec 2021
- **Certificate in Human Biology** — University of the People, 2023
- **Certificate in Epidemiology** — University of the People, 2025
- **Certificate in Behavioral Health** — University of the People, 2024
- **Course in Visual Communication** — Sophia Learning, 2022

- **Course in Biology** — Sophia Learning, 2022
 - **Course in Human Psychology** — Sophia Learning, 2022
 - **Course in Biochemistry** — University of East Anglia, 2023
 - **Course in General Chemistry** — Sophia Learning, 2023
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Publications

1. Hussein, M. J. A. M., et al. (2025). *The influence of probiotic fermented Jerusalem artichoke on milk products*. International Journal for Holistic Research.
2. Hussein, M. J. A. M., & Hoa, D. G. (2026). *From Nervous System to Nutrition: A Review of Dietary Imbalances, IBS Types, and Their Systemic Impacts*.
3. Hussein, M. J. A. M., & Al-Amoudi, R. O. A. B. (2025). *Exploring the Inhibitory Effects of Traditional Herbal Remedies on Salmonella spp. Growth*.
4. Hussein, M. J. A. M. (2026). Saliva as a biomarker: Innovations and applications in health diagnostics. In R. Raghavan (Ed.), *Anthology of omics in biotechnology and biomedical research*. Apple Academic Press.

Memberships

- **Member of American Society of Microbiology (ASM)**
 - **Member of the American Society for Cancer Research (ASCR)**
 - **Member of the American Society of Clinical Oncology (ASCO)**
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Languages

- Arabic (Native)
 - English (Very Good)
 - German (Good)
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Hobbies

Reading, Drawing, Music