



Asmaa Edris Kotp Edris

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ABOUT ME

I have a BS in Botany [Biology] and earned excellent grade [90.1%] during my studies at Menofia University. I have taken several lab courses in Biology, where I worked with Microbiology, DNA preparation, Tissue culture, Phytochemistry, Plant taxonomy, Molecular biology, Applied microbiology and PCR techniques. During my studies at the biology laboratories at the faculty of science, I successfully applied my research skills and maintained the laboratory. In addition, I learned to maintain biohazard and radiation safety standards, I also recorded, calculated and analyzed data, prepared reports, working closely with a team of research students to learn the value of good lab practices. I work well as a team member, I am very reliable and organized and I am willing to learn. I have great communication skills as I am flexible person, conformable with working on my own or as a part of the team. In addition to my academic achievements I have developed strong leadership and communication skills. During my university studies I have often lead a group when it comes to the group assignments. Moreover, I enjoy learning about new cultures and traveling. computer proficiency includes using Microsoft office software application. I have displayed very well in my courses and have shown a remarkable ability to connect the topics in my various courses. I see the connections between my academic experiences, I am able to bring knowledge from one area into another, and, most importantly, to connect my knowledge from outside of my biological courses to that which I do in class. Overall, I know how to approach problems as a mature biologist would; I know how to ask good questions, and I know where to go to start getting answers, whether they are found in the literature, found in conversation with other biologists, or found through experimentation in the laboratory. I am ready to take the next step as a Biologist. I know enough to be able to think critically about a new problem and to get to the heart of it, and I have good hands and good instincts in the laboratory, making me well suited to pursue interesting new problems. Overall, I am curious and fearless scientifically, and I am undaunted by topics that are difficult or about which I am initially unsure.

EDUCATION AND TRAINING

B.Sc of Botany

Botany and Microbiology department-Faculty of Science-Menoufia university [15/09/2014 – 09/07/2018]

Address: Shebin Al-Kom, Menoufia (Egypt)

Website: www.menofia.edu.eg

Field(s) of study: Biology

Final grade: Excellent grade 90.1%

Graduation Project in B.Sc

Taxonomic studies on the genus *Cynanchum* in Egypt

Main Subjects in B.Sc

- Genetic engineering
- Genetics
- Molecular biology
- Medicinal plants
- Phytochemistry
- Tissue culture
- Plant taxonomy
- Microbiology
- Plant physiology

- Plant ecology
- Ecology of desert
- Physiology of microorganisms
- Cell biology
- Plant anatomy and morphology
- Virology
- Organic chemistry
- Applied microbiology
- Material properties

Workshop entitled " Innovation Technology and Patent

National Research Center [23/08/2017]

Address: Cairo (Egypt)

Training Course

Desert Research Center [09/07/2017 – 16/08/2017]

Address: Cairo (Egypt)

Website: www.drc.gov.eg

Occupational skills covered

- Genetic engineering
- Tissue culture
- Phytochemistry
- Pollution
- Microbiology
- Climate change
- Ecology of desert

Training Course

Institute of Genetic Engineering [07/2016 – 08/2016]

Address: Sadat - Menoufia (Egypt)

Occupational skills covered

- Genetic Engineering
- Molecular biology
- Genetics

Intel Learn Program Technology At Work

Ministry of Communications and Information Technology [01/07/2009 – 30/08/2009]

Address: Badr, Beheira (Egypt)

Occupational skills covered

Computer Science Technology (including Microsoft office software)

Certificate of Appreciation to Attend the Egyptian Engineering Day 2018

Youth Association of the Scientific Association of Electrical and Electronics Engineers [15/09/2018 – 16/09/2018]

Address: Nasr City (Egypt)

Training program

Desert Research Center, Animal and poultry production department [07/05/2023 – 10/05/2023]

Address: Cairo (Egypt)

Website: www.drc.gov.eg

Improving the health of farm animals by using modern technologies in disease diagnosis and treatment (Microbial diseases, microbes and their description, hormones and antibiotics in meat and dairy products)

Workshop

Desert Research Center [10/05/2023]

Address: Cairo (Egypt)

Website: www.drc.gov.eg

A research project (Utilization of the rainwater harvesting system at the level of the field to improve plant production in the northwest coast of Egypt)

LANGUAGE SKILLS

Mother tongue(s): **Arabic**

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

French

LISTENING A1 READING A2 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

CONFERENCES AND SEMINARS

Protocol of thesis submitted in partial fulfillment of the master degree in science by Asmaa Mohamed Mousa

[Botany and Microbiology department, Faculty of science, Menoufia university , 2019]

Antibacterial activity of some natural products against multidrug resistant bacteria causing urinary tract infection in cirrhotic patients

Link: www.menoufia.edu.eg

A research plan for PHD degree in science by Alyaa Elsayed Elgammal

[Botany and Microbiology department, Faculty of science, Menoufia university , 2019]

Studies on the ability of plant based culture media to detect new bacterial species in comparison to ordinary synthetic media for fertilization purposes

Link: www.menoufia.edu.eg

GCA Youth Dialogue on Adaptation Action: Delivering on the Glasgow Climate Pact

[Rotterdam, the Netherlands., 03/09/2022 – 04/09/2022]

Global Center On Adaptation "GCA"

Online seminar

PROJECTS

Graduation Project in B.Sc

[2018]

Taxonomic studies on the genus *Cynanchum* in Egypt

HONOURS AND AWARDS

Certificates of Appreciation

Botany and Microbiology department, Faculty of science, Menoufia university [2018]

Certificate of Merit for **Excellent Grade (90.1%)** of Menoufia University 2018.

HOBBIES AND INTERESTS

Fields of interest

- Genetic Engineering
- Molecular Biology
- Genetics
- Tissue Culture
- Plant Taxonomy
- Microbiology
- Cell biology
- Ecology of desert
- Physiology of microorganisms
- Historical geology
- Histology and cytology
- Physics and Mathematics

Hobbies

- Travelling
- Reading
- Learning everything new and useful

COMMUNICATION AND INTERPERSONAL SKILLS

Communication skills

I am flexible person, conformable with working on my own or as a part of the team. In addition to my academic achievements I have developed strong leadership and communication skills. During my university studies I have often lead a group when it comes to the group assignments. Moreover, I enjoy learning about new cultures and traveling.

JOB-RELATED SKILLS

Job-related skills

Teaching and Training Experiences

- Genetic engineering (for undergraduate students).
- Molecular biology (for undergraduate students).
- Tissue culture (for undergraduate students).
- Plant taxonomy (for undergraduate students).
- Genetics (for undergraduate students).
- Microbiology (for undergraduate students).
- Cell biology (for undergraduate students).

Skills

- Excellent Interpersonal skills
- Excellent planning and organizing skills
- Highest level of confidentiality and commitment
- Good time management skills
- Ability to communicate effectively, verbally and in writing
- Working under pressure
- Ability to communicate effectively with diverse groups

- Proficient in Microsoft applications

WORK EXPERIENCE

Biology teacher

Online [01/10/2018 – Current]

City: Badr

Country: Egypt

Giving Free courses (Teaching Science for students of the preparatory schools and Biology for students of the secondary schools)