

Sherif Ali

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Education

Assuit University – Assuit, Egypt

Sep 2019 – July 2023

Bachelor of Science in Zoology

- GPA: 3.77
- Fresh graduate: 2023
- Relevant Coursework: [Cell Biology -Molecular Biology-Histology-Cytology-Physiology-Vertebrate-Invertebrate]
- Lab Techniques: Cell culture, Western Blotting, Immunohistochemistry, PCR

Research Experience

Cancer Biology training at zewail city Trainee

Feb 2023

Zewail city campus, Giza, 6th October

Studied Cancer Biology theoretical basics and learned several lab techniques:

- Flow cytometry
- Cell culture
- Western blotting

Molecular Biology Research and Studies Institute Internship Trainee

Aug 2021-Sep 2021

Assuit University, Assuit, Egypt

Worked as an internship student in the Molecular Biology Research Institute on campus, and learned many laboratory techniques in microbiology and biomedical research including:

- Lab safety and the aseptic technique
- DNA isolation and purification methods
- PCR and quantitative PCR
- Cell culture and plant culture

City of Scientific Research and Technological Applications Intern (SRTA)

Sep 2021-Oct 2021

Alexandria, Egypt

Participant in the online scientific program offered by SRTA

- Gained knowledge on the topic of protein composition, types, and formation in the body.
- Gained experience with protein isolation and purification techniques.

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Internship Trainee

Jul 2021 – Nov 2021

Egypt Scholars, Virtual

- Successfully completed the 12-week online internship on scientific research.
- Educated on the ethics of scientific research, the analysis and structure of scientific papers, using the scientific method to address gaps in research, data collection and analysis in research, and the Expectations of academic integrity in research.
- Collaborated with a team of other students and used the skills we learned to deliver a comprehensive presentation on vaccine history, to educate our team on the importance of the topic.

Courses and certificates

Science Communication: Communicating trustworthy information in the digital world *Virtual, Coursera* •

Explored the critical role of effective science communication, emphasizing trustworthiness and relevance.

- Analyzed the impact of digital media on science communication, addressing strategies to combat misinformation and fake news.
- Practiced techniques utilized by science journalists to navigate and counter threats to accurate information dissemination.
- Demonstrated comprehension of audience analysis, catering science communication to diverse audience needs and characteristics.

How to Find an Angle for Any Science Story

Virtual, The Open Notebook • Acquired skills to identify compelling topics within the realm

of science for storytelling.

- Developed proficiency in crafting science story pitches, making content more appealing and engaging for various platforms.
- Practiced the art of discovering intriguing angles within scientific narratives, elevating storytelling and audience engagement.

Skills

- Microsoft Office proficiency: Word, Excel, PowerPoint
- Photoshop and Illustrator proficiency
- Professional working proficiency in English, Beginner working proficiency in French
- Critical Thinking, Communication skills, Problem -Solving abilities, Analytical skills, Adaptability.

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Volunteering activities

Science writer

Sep 2023 - present

Egypt Scholars, *virtual*

- Writing science articles for general audience.
- Translation scientific papers into Arabic and paraphrasing.
- Web content writing.
- Portfolio: <https://library.egyptscholars.org/author/sherif-ali/>

Undergraduate Research Initiative (URI), Human Resources.

2022 – present

Virtual

- Acted as a Human Resources team member in the Undergraduate Research Initiative, supporting various projects in the field of Research and Development (R and D).
- Assisted in recruiting and selecting research participants.

Graduate Training Team, Leadership Role.

(2023 – Present)

Virtual

- Serve as a leader in the Graduate Training Team, focusing on mentoring and training graduate students in soft skills.
- Provide guidance and support to graduate students, addressing their concerns and assisting them in their professional development.
- Collaborate with team members to create resources and materials for training purposes.