
EMPLOYMENT

Summer Training Pharco Pharmaceuticals Summer 2018

- I learned about the medicine product line in the industry, from how machines work to the medicine storage in optimum temperature.
- I also entered the lab, where they introduced some equipment that be used for testing of the chemical components before the manufacturing process.
- I made a PowerPoint presentation about sterilization, which one step of the performance process.

Winter School Training The City of Scientific Research and Technological Applications Winter 2020

- I learned about the different experiences that have been examined on drugs to describe their effectiveness, from the cellular and molecular level (in vitro) to the animal itself (in vivo).
- In cellular level, I learned about different types of cell in culture, and how to make cell culture; by seeding some cells, nourishing, and occupying them.
- In molecular level, I learned practically how to make gel electrophoresis for certain genetic strain, they presented the equipment working mechanism, and how to know the target fragment by binding it with a target probe.
- I made a presentation with my mates, about the usage of drugs that came from natural product in disease treatment, as an implementation of the steps that I have impacted.
- I learned how to make a scientific poster, and how organizing the information that I have gathered from scientific papers, to show up my work.

EDUCATION

Alexandria, Egypt University of Science Fall 2016 – Spring 2021

- Graduate student: Major: Zoology, Minor: Chemistry department. CGPA: 2.94
- Coursework: Vertebrate Embryology, Molecular Biology 1&2, Cell Differentiation and Cell Culture, Analytical Chemistry, Organic Chemistry, Endocrinology and Neurophysiology, Animal Physiology, Histology.

TECHNICAL EXPERIENCE

Projects

- On 4th August 2019, I took a course about [Introduction to the biology of cancer from Johns Hopkins University on Coursera](#).
- On 1st September 2019, I took a course about [the science of stem cells by the American Museum of Natural History on Coursera](#).
- On 6th December 2019, I took a course about [Writing in the Sciences from Stanford University on Coursera](#).
- On 17th March 2020, I took a course about [tricky English Grammar by University of California on Coursera](#).
- In March 2021, Graduation project about “Phenylketonuria Diagnosis, Impact, and different therapies” with grade” A”.
- On 16th November 2021, I took a course about Python named [An Introduction to Interactive Programming in Python \(Part 1\) on Coursera](#).
- on 10th February 2022, I took a course about Python named Python for Everybody.
- On 21st March 2022, I took a course about HTML and CSS named [Learn HTML & CSS on Mahara Tech](#).

ADDITIONAL EXPERIENCE AND AWARDS

- **American chemical society (2019)**: vice head of logistics and organizing community.
- **NEXUS project (2018)**: logistics and organizing community member.
- **Egypt CAN conference in Bibliotheca Alexandria (2017)**: organizer.

Languages and Technologies

- English; Microsoft Word; PowerPoint.