

Asmaa Nashat Nabawy



Teaching Assistant

7 Fouda El-Azhary Street - Begam
– Shubra-ElKhima
01156213132
asmaanasghat4@gmail.com

SKILLS

- Leadership Skills.
- Work Under Pressure.
- Multitasking.
- Good Presentation Skills.
- Good Communication Skills.
- Dedicated.

TRAINING

- 57357 Children's Cancer Hospital - Bioinformatician "Multi-omics" Workshop from 15 August, 2021 to 2 September, 2021 .
- AGERI, arab Republic of Egypt - Bioinformatician "PRINCIPLES OF BIOINFORMATICS" 19 August 2021 .

LANGUAGES

English (advanced).

EDUCATION

Computer Science and Artificial Intelligence Cairo University – Bachelor Degree
September 2018 – May 2022.
GPA : 3.31 .

WORK

Rank: Teaching Assistant (**PHD Student**)

Institution: Higher Technological institute

Dates: September 2022-Up-to-Now.

VOLUNTEER WORK

Being a Volunteer at 57357 Children's Cancer Hospital .

PROJECTS

- Using RNA Sequence in disease analysis and Bioinformatics Tools - Graduation project .
- Biological Command Line Interpreter Simulator in Python : It is similar to the Command line prompt in windows, but takes commands that apply some biological operations on biological data .
- Decision tree that predicts the political party of the representative based on his /her vote using Python .
- Implement simple KNN classifier using Python .
- Application for drawing and filing different shapes and save or load them with C++ .
- School System - OOP Project with C++ & Java it has some classes for Students , teachers and Courses to manage courses for each student and teacher for each course .
- My CV - Website .
- GPA calculator – Website .
- Visualizing De Bruijn Graph in Python that make a directed graph that represents overlaps between sequences of symbols .
- Code the Per Base Sequence Content with Python : For each position in the reads, this module plots the percentage of each nucleotide at this position across all reads.
- Image Processing : Train 3 different classifiers to classify 29 folders which represent the various classes. [Using Sklearn], Using different input for training (RGB , GREY ,and Binary)and Reporting Precision & recall for each experiment with Python .