Aghapy Mikhail

Software Engineer

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Upwork Account: Aghapy Mikhail

Education

- **Faculty Of Engineering Alexandria University**   Alexandria, Egypt
  Bachelor of Computer and Communication   *Class 2021*

Experiences

- **Machine Learning Former Internship at UmedMi (August 2020 – October 2020) :** Telemedicine platform that empowers patients and fill the credibility gap providing end-to-end tele health solutions,Worked on Machine learning tasks Data Engineering

- **DevOps Former Internship at Egirna Technologies (April2021-June2021) :** Egirna Technologies Limited is an information security solutions and services provider based in Egypt with global reach.Worked Proxies : Squid , Nginx.

- **Software Engineer at Egirna Technologies (July 2021-Present) :**
  -Monitoring the releases using EC2 and reporting issues and bugs and checking docker environment on a software product due to Testing and Quality Tasks
  - handled a MLOps CI/CD Flask Application working for delivering complete deploy job using Github Actions and CodeDeploy

Software Skills

absorb more responsibilities outstanding and technical Skills in :
-**Paradigms** : Object Oriented Programming , Algorithms Data structures
- **Containers**: Docker - **Virtualization**: VMware ESXi
- **Container-orchestration** : Kubernetes - **Cloud Services**: AWS
-**Scripting**: Python/BashShell - **OS**: Linux -**Pipeline**: Github Actions
- **Visualization**: Kibana - **Proxy services**: NGINX/Squid
- **Technical Writing**:QA Testing Documentation/Content Writer

Activities

Head of Public relations At ACM Alexandria Student Chapter
Public relation At ACM Alexandria Student Chapter
Admin System Assistant ECPC Egyptian Collegiate Programming Contest
Admin System Assistant ACPC African and Arab Collegiate Programming Contest
Machine Learning Instructor at HackerRank Campus Club, AUFS
Volunteer in IrisX2020 UI/UX

Graduation Project

- **On the Ride :** In our project is to show that Blockchain is a viable solution to the issues The major challenge posed in video streaming is its timing requirement, and a packet will be considered lost if the transmission fails to meet a real-time constraint. To resolve these problems, numerous techniques on transmission feedback control, adaptive source encoding algorithm, efficient packetization, resource allocation, and error control coding have been proposed to improve the quality of video communication.