

# Aghapy Mikhail

Software Engineer

Mobile : +02-0111-812-9621

Mobile : +02-0111-737-2584

Email : aghapygad336@gmail.com

LinkedIn : [www.linkedin.com/Aghapy Mikhail](https://www.linkedin.com/AghapyMikhail)

Github : <https://github.com/aghapygad336>

Upwork Account: Aghapy Mikhail

## Education

---

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

## Experiences

---

- **Software Engineer at Egirna Technologies(Freelancer) (July 2021-Present) :**
  - Monitoring the releases using EC2 Analyzing test results on database impacts, errors or bugs, and usability, Deal with support tickets for bugs or related user issues.
  - Interacting with clients to understand product requirements.
  - handled a MLOps CI/CD Flask Application working for delivering complete deploy job using Github Actions and CodeDeploy
  - Reviewing software requirements and preparing test scenarios.
- **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.
- **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

## Software Skills

---

- Paradigms :** Object Oriented Programming , Algorithms Data structures, Agile
- **Containers:** Docker - **Virtualization:** VMware ESXi
- **Container-orchestration :** Kubernetes - **Cloud Services:** AWS(EC2,Cloud-Watch,EBS,S3,ELB)
- Scripting:** Python/BashShell - **OS:** Linux -**Pipeline:** Github Actions
- **Visualization:** Kibana - **Proxy services:** NGINX/Squid
- **Tools:** Jira,Visual Studio Code
- **Technical Writing:**QA Testing Documentation/Content Writer

## Activities

---

Head of Public relations 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 : One the Ride , Grade : A+

---

- **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.