
YOUSSEF SAMIR FAHMY

Nasr City, Cairo • +20 128 7666534 • youssefsamirfahmy@gmail.com

youssefsfa7my.github.io/mywebportfolio/ [in linkedin.com/in/youssefsfahmy/](https://www.linkedin.com/in/youssefsfahmy/)



Computer Engineer

Work Experience

| | |
|-------------------|---|
| Sep' 22 - Current | <p>Freelance Web Developer</p> <p><i>SELF EMPLOYED</i></p> <ul style="list-style-type: none">• Created a fully functional website (Front-end and Back-end) for Heritage Real Estate agency using MERN stack• Responsible for hosting the website on AWS S3, and AWS Amplify• Put together the techniques used for search engine optimization• Pursued different Image optimization techniques to improve Speed Index• Responsible for website maintenance in case of any bugs |
| Jul' 21 - Aug' 22 | <p>Junior Software Engineer</p> <p><i>LIRTEN SOLUTIONS</i></p> <ul style="list-style-type: none">• Responsible for research, design, and development of new web-based software• Worked on designing the integration process between 2 different platforms offered by the Company• Lead a team developing a fully functional front-end application for Brilliant lifts Australia• Managed employee training for 5 newly hired employees over a period of 2 months, offering continuous guidance and mentorship on best practices while providing constructive feedback. |
| Jul' 20 - Jul' 21 | <p>Fullstack Web Developer</p> <p><i>LIRTEN SOLUTIONS</i></p> <ul style="list-style-type: none">• Worked on developing backend web applications using Node, Express, JWT, and JOY Validation• Responsible for maintaining the database and optimizing the queries |
| Feb' 18 - Aug' 20 | <p>Facilitator</p> <p><i>FOOTLOOSE</i></p> <ul style="list-style-type: none">• Responsible for organizing and facilitating backpacking trips around Egypt, mainly targeting university students. |

Education

| | |
|-------------|--|
| 2017 - 2021 | <p>Bachelor of Science - Computer Science and Engineering</p> <p><i>German University in Cairo</i></p> <p>Graduate with Honors</p> <p>A+ in Bachelor's thesis discussing Deep learning-based LiDAR Object Detection and Classification</p> |
| 2014 - 2017 | <p>High School (IGCSE)</p> <p><i>St. Fatima Language School</i></p> <p>Advanced Level Courses: Math, Physics, and IT</p> <p>Perfect run of A+ IGCSE OLevel Grades</p> |
| 2008 - 2014 | <p>Elementary and Middle School (Pre- IGCSE)</p> <p><i>St. Fatima Language School</i></p> |

Technical Summary

Software Skills

- Web development: MERN stack, AWS S3, AWS Amplify, Ruby on Rails
- Databases: NoSQL, SQL, Python
- OOP: Java, C++
- Scripting/general programming: Python
- Software version/control: Git
- Machine Learning: Tensorflow, YOLO V4
- Computer Vision: Python's Pillow, OpenCV
- Scientific/technical computing: MATLAB
- Natural Language Processing: Python's NLTK
- Web Analytics: Google Analytics

Personal Skills

- Complex problem solving
- Creativity
- Coordination with others
- Leadership skills
- Critical thinking
- Judgment and decision making
- People Management

Skills

Arabic

Mother Tongue

English

IGCSE Score of A+

German

Level A2

Extra-curricular Activities

- Juniors' **Model Council of Ministers** 2016 program at the AUC
- Madinaty 2022 **Half-Marathon Runner** & Participated in the 200k Trifactory marathon supporting Al Nas Hospital.
- Leader at **SAS**- a scouting team community; responsibilities included organizing welcome trips, graduation ceremonies, sports days, and camps.
- Charity work of monthly visits to orphanages/elderly homes