# SOFYAN MAHMOUD EL-SAYED

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**LinkedIn** ⋄ **Github** ⋄ **Leetcode** ⋄ **Portfolio**

## CARRIER OBJECTIVE

Looking forward to earning the position of **Software Engineer** at a leading organization to showcase my technical skills in programming to generate high performance solutions to general software issues.

## EDUCATION

**Graduated from** Cairo University Faculty of Engineering Computer Engineering Department.
.                                                                    *August 2016 - August 2021*

- **Cumulative grade:** Very Good.

- **Graudation project:** Excellent

**Graduated from high school (2016):** Grade 99 %.

## EXPERIECE

- React software engineer at Egyptian armed forces.            (December 2021 – December 2022)
- Team leader at NajahNow company .                            (July 2021 – September 2021)
    - Team leader for 40 engineers divided to 4 teams each team worked on different project/website
    - The used stack is (laravel, React and React native)
- Software development engineer at NajahNow company:          (July 2020 – March 2021)
    - I have worked in the main platform of the company
    - I have refactored the platform that I have changed the whole **front-end** and about **50%** of the backend
    - I have added some features to the platform such as
        * Quiz system
        * Integrate the platform with online payment (Fawry payment)
        * Integrate the platform with whatsapp
        * Deploying the platform on gcp
        * And some small features
- Computer head at IEEE                                        (August 2020 – March 2021)
    - Computer head for workshops: {C++, Python, Front-end}
- Back-end instructor at IEEE (best member)                   (August 2019 – August 2020)
    - The sessions were about {Php, MySql, PDO}

**SKILLS**

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**Web:**

· **Back-end** : Laravel, php
· **Front-end** : React, JS (basics, Dom, Bom, ES6), HTML4/5, CSS
· **Database** : SQL, MySQL, MongoDB

**Programming**

· **Languages:** C++, Python, Java
· **Computer science:** Algorithms, Data structure, Problem solving, OOP, OOD, Design patterns, RESTful APIs
· **Other:** Git, Github, Docker, Regex, Shell script, Command lines, Touch typing(70 wpm)

**OS** : Linux, Windows                          **Languages:** Arabic (Native), English (Very good.)

**PROJECTS**

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- Graduation project - Weather awarness and weather enhancement in autonomus car

    – The idea of the project is to detect the current weather e.g (snowy, rainy, night, foggy etc...) given stream of images from camera, and then enhance this adverse weather

    – The work depended on (Image processing, DL, CNN, GANS)

    – The technologies and languages we used are (Colab, Tensorflow, Keras and python)

- Search engine indexer - using (Java, MySql)                                                     Repo

- Bubble sheet corrector - using (Python, OpenCV)                                           Repo

- Matchera (Website's API — Back-end) - Using (PHP, Laravel, SQL)                Repo

- OS-Scheduler - Using (C++,Python)                                                                  Repo

- OS-Kernal simulator - Using (C++).

- Souq.com application - Using (C# , SQL)

- Question Mark (Website's API — Back-end) - Using (PHP,Laravel)                 Repo

    – Note: The free trial of database hosting has ended but you can see the website in this Video