

MARWAN SHAMEL (ML and Back-end Engineer)

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SUMMARY

Motivated and dedicated Level 3 Computer Science student with a strong foundation in programming, algorithms, OOP, Data Structure and software development. Possessing a proven track record of academic excellence and practical experience gained through projects. Proficient in various programming languages, including to Python with machine learning, Java, PHP laravel, C and C++. Demonstrated ability to adapt quickly to new technologies and problem-solving challenges. A proactive learner with excellent communication skills and a passion for leveraging technology to create innovative solutions. Seeking opportunities to apply knowledge and skills in a dynamic and collaborative environment.

EDUCATION

Helwan University

Computers and artificial intelligence
2021 – 2025

SKILLS

- Strong organizational and time-management skills
- Exceptional communication and interpersonal skills
- Ability to work independently and as part of a team
- problem solving skills
- clean code
- using OOP for all projects
- SOLID principal
- MVC

CERTIFICATIONS

- FWD EGYPT for web development
- Certificates in machine learning from Datacamp
- Intern selection for spark foundation

PROFESSIONAL EXPERIENCE

Security courses

- EJPTv4 (netriders academy)

Machine learning courses

- Machine Learning by Andrew Ng
- Machine Learning with Python in data-camp

Web development

- Html,css,js
- PHP
- LARAVEL frame work
- MySQL
- OOP
- Java spring

Experience activities

- Volunteer in IEEE helwan comsoc section
- Activity students

Languages

- Arabic Native
- English level B.2

Project

- **Analyzing datasets**
 - Using linear regression and knn to train numerical model
 - Using logistic regression and k-mean (team leader for it)Link:
<https://github.com/marwan-shameli/ML-project>
- **Movie ticket system**
 - system to book ticket and allow for users and cinemas to use (team leader for it)Link:
<https://github.com/MarwanabdalR/movie-ticket-booking-website-php-and-mysql-v3>
- **Word statistics**
 - A multi-threading Java program reads all text files from a specific directory and returns the number of words per file/directory, longest word, shortest word, and the number of "is", "are" and "you") using Java | Team lead of this projectLink :
<https://github.com/marwanMagdy6/Project-2-Word-statistics---OS2--->
- **blog website**

Implemented key security features in a Laravel PHP project, including authentication, authorization, API security, encryption, and hashing, to ensure robust protection of user data and system integrity

Link :
<https://github.com/MarwanabdalR/security-laravel>
- **Cubic player**

An Intelligent Cubic Player using the Minimax Algorithm, Alpha-Beta Pruning, and Heuristic Functions(team leader)

Link :
https://github.com/MarwanabdalR/AI_PROJ_HE
- **cinema wepapp**

A simple cinema booking webapp

Link:
<https://github.com/MarwanabdalR/SAPROJECT>

Soft skills

- team work
- leadership
- self learner
- time management
- ability to learn new technology