

Yossef Magdy

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EDUCATION

Information Technology Institute (ITI)

Intensive Code Camp Full Stack Web Development Using PHP

Giza, Egypt

May 2024 – Present

Cairo University Faculty of Science

B.Sc. in Computer Science

Giza, Egypt

Sep 2018 – Jan 2023

Graduation Project: Matlab program to solve a system of linear equations using Jacobi and CG (Conjugate Gradient) iterative methods in parallel.

TECHNICAL SKILLS

Languages: C++, Java, Python, JavaScript, TypeScript, PHP

Frontend: HTML5, CSS3, React.js, AngularJS

Backend: MySQL, SQL Server, Java Spring Boot, Laravel

Version Control: Git

Concepts: OOP, Data Structures, Algorithms, Database, Docker, Basic Networking

EXPERIENCE

Karezma

Fullstack Internship

Giza, Egypt

July 2020 – Sep 2020, Internship

- Built and designed a database to store the drivers, vehicle and vehicle maintenance information using MySQL
- Created **3** dynamic pages, one for displaying the data of each table in the database and doing CRUD operations using HTML5, CSS3, Javascript library **DataTable**, and PHP

PROJECTS

Pacman (2D Graphic Game) (Java) (JOGL) | GitHub

- Developed a clone of the retro game Pacman using algorithms like flood fill to find a path for ghosts to reach Pacman.

Simple ecommerce website (AngularJS) | GitHub


- A simple website to display products data from [https://dummyjson.com/products] API using AngularJS and Bootstrap

Simple post application (Laravel) | GitHub

- A simple fullstack application to do CRUD operations on posts using blade and laravel

AWARDS & ACHIEVEMENTS

ACPC 2022 : Ranked **37** out of **200+** teams

ECPC 2022 : Ranked **41** out of **200+** teams

Codeforces : Solved **1300+** problems

EXTRACURRICULAR ACTIVITIES

ICPC Cairo Science Club

Coach

Cairo University Faculty of Science

2022 – present

- Participated in coaching **100+** community members to prepare for the Egyptian Collegiate Programming Contest (ECPC)
- Held **200+** sessions collectively to explain important problem-solving Techniques and Algorithms