

Abdelrahman Mohamed

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Education

Cairo University

B.S Computer Science

September 2020 - Jun 2024

Cumulative GPA: 3.18/4.0

BackEnd Developer (php laravel)

Experience

- Applying Design Patterns to Projects written.
- Design, code, test, analyze, evaluate, debug and document application programs in Java, c++, php, js, python.
- Maintain and enhance existing code and database schemas.
- Experience in: Web Development, SQL, OOP, Design Patterns, SOLID principles, Data Structure and Algorithms.
- Good dealing with APIs (Restful API).
- I am seeking to develop my experience and knowledge in software and competitive programming.
- Experience with continuous integration tools, like GIT (github).

Independent Projects

(Egyptian Gods)Project Laravel

- Apply CRUD (Create, Read, Update, Delete) features are commonly implemented for database operations.
- Built a REST API with PHP on Laravel.
- Two guards available (for admin and clients) Authentication.
- Super admin can change permissions for client to make it admin.

Malek Wafiq (Islamic website)

- Some features applied using ajax.
- Some Built a database using MySQL.
- Software Application applied design patterns using framework Laravel.
- Link Production: <https://malikwafiq.com>

Library database

- Applied concepts of database (Characteristic of Relations, Types of DB constraints, SQL, ERD,EER, Applying Database Normalization) using c# programing language..

Online Shopping System

- Applied OOP principles using c++.
- Seller can print his info, add item, sell an item, print an items, find an item by ID.

Fawry System(phase1,phase2).

- Applied design patterns and SOLID principles in this project using java.
- Applied develop web services and APIs (test APIs by postman).

Extra-Curriculars

- Contestant at Egyptian Collegiate Programming Contest 2020,2021,2022.
- Solved 900+ problems combined on Algorithms & Data Structures in C++.