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SKILLS

C++

C

Java

PHP

CSS

JQuery (on hand)

HTML

Ability to learn new technologies.

LANGUAGES

Arabic



English



KEY SKILLS

Ability to problem solving.

Khaled Karim

Software Engineer

I'm a Software Engineer with demonstrated history of proficient work with deep interest in code design, problem solving, and database design.

EDUCATION

Computer Science

Student- 3rd Year (Faculty Of Computers And Information - Cairo University) - CS department.

11/2016 – Present

GPA: 2.86

Courses

- OOP.
- Operating Systems 1&2.
- Algorithms.
- Introduction to AI (with prolog).
- Computer Architecture(with assembly language R-2000).
- File Organization.
- Data Structures.
- Parallel processing (with C).
- Software Engineering 1&2.
- Internet technologies - Networks1.

PERSONAL PROJECTS

3QARY (12/2018 – 01/2019)

- Built with PHP (backend).
- HTML, CSS, and Bootstrap (frontend).
- Inginx.

MASROQA (11/2018 – 01/2019)

- Built with Java SE.
- Waterfall methodology used.
- Class Diagram, Sequence diagrams and client's requirements are documented.
- MVC design pattern used.

E-learning website (02/2019 – Present)

- Built with Spring Boot (backend).
- Agile Methodology used.
- HTML, CSS, Bootstrap, and JQuery (frontend).

Vending Machine (10/2017 – 11/2017)

- Built with C++ language.
- Program to operate the vending machine that is for grocery items.

Supermarket Simulation (11/2017 – 12/2017)

- Built with C++ language.
- Program to operate the supermarket that contains a set of grocery items and has a set of customers that can buy these grocery items. In addition, a supermarket has a stock and an administrator who can enter the grocery items into the stock.
- This program also manages the payments, sales and purchases operations

linux simulation operating system (for windows) (11/2018 – 12/2018)

- Built with Java.
- An operating system interfaces with a user through a Command Line Interpreter (CLI). A CLI is a software module capable of interpreting textual commands coming either from the user's keyboard or from a script file. A CLI is often referred to as a shell.
- MVC design pattern used.

Several compression algorithms (11/2018 – 01/2019)

- LZ77- LZ78- LZW- Standard Huffman - Vector Quantization - JPEG - Predictive FeedForward.
- Built with Java (with GUI) .

A lot of small projects (C (MPI), C++, Java). (12/2016 – Present)