

Mahmoud Mosaad

PERSONAL INFORMATION

Position: Computer Science Student (4th level)
Birth: August 26, 1996, Cairo, Egypt
Status: Single



CONTACT INFORMATION

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OBJECTIVE

Hard-working, Self Learning person search for suitable jop.

INTERESTS

Software engineering, Web API development, Problem Solving,
Competetive programming, Algorithms, Data structures

EDUCATION

Cairo University, Faculty of Computers and Informations
Giza, Dokki. Egypt
Bachelor's Degree

PERSONAL ACHIEVEMENTS

Contestant at ACM ICPC Cairo University Qualification Contest 2016
Contestant at ACM ECPC Contest 2016

TECHNICAL SKILLS

Knowledge: Software Engineering, OOP, Design Patterns, Architectures, Algorithms, Data Structures, Web Development, Web Services, Restful Web API, Android Development(Beginner), Fire-base, AJAX, Parallel Programming, UML, Git

Programming and Scripting Languages: C++, Python, MPI, SQL, HTML, CSS, MIPS Assembly, jQuery, PHP, Java, Javascript

Frameworks and CMS: Bootstrap, Spring, Django, Laravel

Operating Systems & CLIs: Windows, Linux, Mac OSX, DOS, Bash

Tools: Github, Visual studio, Android Studio, Visual studio code, Code blocks, Netbeans, XAMPP, MySql Workbench, MS-SQLServer, Texworks

Languages: Arabic, English

PROJECTS

StepByStep: Learning Website aims to learn childrens with games, Spring Framework, Maven, JPA, Hibernate, Java, MySQL, Heroku, SOA Architecture used to develop it

Inventory Manager(Under Development): Android app uses Firebase to manage and watch your inventory from any place

TODO Program: CPP-based Program store your daily task with some customizations

Paint Program: Graphics-based Win32 Program used to draw, fill, clip shapes beside some customizations

Eight-Puzzle Game Prolog-based game support add GUI features

Word-Puzzle Game: Java-based game based on prolog learning base

Dots & Boxes Game: GUI-Java-Prolog-based provide Human vs computer

Maze Game: Construct maze by randomized algorithm then get optimal path by algorithms

Compress Data: Java Program Contains many algorithms to compress Text/Photos