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Amr Abdulkarim

Date of birth: 20/5/1998

Citizenship: Egyptian.

Gender: male.

Education:

2013-2016: Highest grade in my secondary school with honors in all subjects in all years of secondary school. My equivalent GPA at math, physics and chemistry was 4.

2016-present: Faculty of computers and information, Cairo University, Egypt. Expected year of graduation is 2020. My ranking is the 9th on my department of Information System.

Courses and Seminars:

1/2017:Diploma in full stack development in html,css,html5,css3,javascript,jquery,angular,php,mysql,wordpress, and sass.

8/2010: 3 English courses in Queen Language international school-Giza, Egypt.

8/2012: 2 English courses in American university in Cairo.

9/2016:25 hours event includes programming, web development, marketing, motivation, and self-marketing.

11/2016: C++ programming course.

10/2016: python programming course.

15/4/2018: Python with Data science workshop (NumPy, SciPy, Pandas, Matplotlib, SciKit-Learn)

28/5/2018: IBM Data science workshop.

Currently:

1. Data Science, Deep Learning, & Machine Learning with Python

***<https://www.udemy.com/data-science-and-machine-learning-with-python-hands-on/learn/v4/t/lecture/4020038?start=0>**

2. Machine Learning A-Z™: Hands-On Python & R in Data Science

***<https://www.udemy.com/machinelearning/learn/v4/overview>**

3. Machine learning course by Stanford university by Andrew Ng.

<https://www.coursera.org/learn/machine-learning/home/welcome>

4. Deep Learning A-Z™: Hands-On Artificial Neural Networks

*** <https://www.udemy.com/deeplearning/learn/v4/overview>**

5. Blockchain A-Z™: Learn How To Build Your First Block chain

*** <https://www.udemy.com/build-your-blockchain-az/learn/v4/overview>**

6. Deep Learning and NLP A-Z™: How to create a Chat bot

* <https://www.udemy.com/chatbot/learn/v4/overview>

Expected to finish the first 4 courses before May 2019.

College Courses:

***software engineering**

***project management**

***information systems**

***analysis and design of information systems**

***information technology (web development)**

***operating systems**

***multimedia (compression and decompression techniques)**

***Programming using C++ and python**

***Object oriented programming**

***data structure**

***database 1**

***mathematics 1-2-3**

***Probability and Statistics1-2**

- *Discrete math**
- *electronics 1,2**
- *Data communication**
- *Signals and systems**
- * Computer Networks -1**
- * Scientific and Technical Report Writing**
- * Fundamental of Economics**
- *Management**
- * Introduction to Decision Support and Systems**
- * Modeling and Simulation**
- *Logic Design**
- * Computer Networks -1**
- *Software Engineering – 1**
- * Internet Technology**
- *Analysis and Design of Information Systems-1**
- *Multimedia**
- *Operating Systems-1**
- *Fundamental of Information Systems(project management)**

Employment History:

1. Information management middle manager at aiseCU

We are responsible for their (MVC) system (development-maintenance-test-update). And we are working now on a new system.

2. Community relations at SCCI. My role is planning community and charity events with my team, bringing sponsors. Also, I have to create a Positive events atmosphere. 2017-2018

***please check here: <https://www.facebook.com/scci.cu/> ***

3. I worked as a Social media influencer on twitter 4 years ago. 2012 - 2016. (Now it's just a personal account)

<http://www.twitter.com/mounirawy>

4. Owner of a motivational blog. 2015-2016

5. Writer on a motivational blog. 2015-2016

6. A Former full-stack web developer. (I shifted the career to data science and it was easy for me to take this step as I am computer science student) 2016-2017

Skills

-I can use architectural patterns like MVC, client server, etc

And I have already used mvc on a lot of projects

-I can make a project from scratch from analysis and design to implementation and testing.

- I can write code in C++, Python, java, C#, php, javascript.

-I can develop a website using (html, css, java, script, php MySQL).

-Node JS,ReactNative.

- make the analysis and design for all applications or information systems.

-working with group or virtual group (GitHub) to launch a project.

***I am interested in competitive programming so I solve a lot of problems on code forces and have the ability to use a lot of algorithms and apply them on the problems that I face**

***Have the ability to apply programming, math and statistics skills on what i have been learning.**

***I have the ability to create a successful database or Application projects whether with myself or with my team.**

I worked on a train reservation database project by SQL and C#, something like this system: (<https://www.amtrak.com>)

please check here

I always get all my projects done before deadlines and I always get the highest grades on these projects.

Also, I always try to develop my employability skills that can be transferred from the classroom to the boardroom so not only i care about honor roll or straight A's but also care about how well i apply theories to solve problems.

***I am now be able to do and understand data science projects and be able to learn more about this career.**

Presentations

Presentation at my college about communication skills and body language.

2 Presentations about Data and computer science in general.

Language skills

Arabic: Native.

English: Fluent.

Spanish, Deutsch: Beginner.

Hobbies and interesting

1. Math.

2. Reading novels.

3. Gym(Routine)

4. Writing scripts.

5. Swimming.

6. Passion in learning new skills.

7. Machine learning.

Also, some charity works in 57357 Hospital.

What I do these days:

I am a junior student but from now I am working with my team on the graduation project because it needs some effort and there are partners that maybe work with us like orange so we are now on the business requirements. Also I am learning Spanish. And solve programming problems always.

Also I am working as Information management middle manager at aiseccu.

Projects

- application called Masroka it's a community app for the people that found something on the street or lost something (from analysis to implementation).**
- analysis and design a system for senior living.**
- implement a lot of compression and decompression techniques.**
- A train reservation database project by SQL and C#, something like this system: (<https://www.amtrak.com>)**
- Natural language processing project. It's a Multi classification problem to label some articles by Python.**
 - A lot of data structure and OOP, projects by C++.**
- Block chain project by java without the network.**
- Data Warehouse project on a world cup tweets data**

We turn the data into a star schema then cubes for the analysis purpose.
- analysis and design for an internet reseller website.**

we determine the system interfaces the list of interfaces, Reports and from the analysis we make a detailed design diagram and multi-level sequence and components.

- there are many other project you can find them on github.

You can find all the projects on GitHub.

Reference

<https://github.com/mounirawy>

[/http://amamotivation.blogspot.com.eg](http://amamotivation.blogspot.com.eg)

<http://codeforces.com/profile/Mounirawy>

