

MARINA ZAKARIA

Born: 25 Jun 1997 in Alexandria Egypt

SidiKamal St. Mandara Bahary , Alexandria , Egypt | (H) (+20) 35522970 | (C) (+20) 128 476 7716 |

maro222zack@gmail.com

professional summary

currently working on developing my knowledge in networking especially network security field
interested in both academic researches career (specifically artificial intelligence field) and programming software developing career
currently looking for Professional Internship opportunities eager to learn more and expand my knowledge in the software developing and AI field, like to keep myself busy learning and finding new things to be explored(a day wasted is a day when you didn't feed your brain)....

Key Skills

- Java (advanced) (Eclipse Framework)
- C (intermediate)
- Android developing ,using different APIs (working with web API , FireBase , ADMob) (Android Studio Framework)
- Clean readable well documented Coding
- Assembly Language(intermediate)
- C++(beginner)
- Good experience with Git for server – clients as an efficient source handling tool
- Design Patterns and basic OOP concepts for designing better systems and readable , efficient , well designed projects
- Very efficient self-learning and searching and problem solving skills
- High communication skills and strong ability to give persuasive presentations expressing ideas and project propositions
- Leadership and teamwork skills

Work Experience

Online Instructor in Android track for Million Arab Coder Initiative(Dubai)

Aug 2018 - Sep 2018

after finishing my course in android track (Apr 2017-Jun2017) and passed the exam , I was chosen to be an Instructor for the next class to be held >
basic assignment is to help ,guide , support and encourage students through the class answer their questions and teach them how to look for answers themselves

Android Developer (INTERN)

Jun 2018 - Aug 2018

ITSpark software services company as part of ITAC initiative from itida company located in smart village Cairo , Egypt

For reference : fady.anglo@itspark-eg.com

Worked on updating and adding new features for their android app Dawaia.com

Gained very useful perspective on the working environment , assigning tasks and collaborating with team members to achieve the given task , and how to handle the pressure of deadlines , not to mention the technical skills(web APIs , firebase notifications , paid adds , deep linking ...

<https://play.google.com/store/apps/details?id=itspark.dawaia>

https://play.google.com/store/apps/details?id=itspark.dawaia_pharmacy

Instructor (giving Android Course For 12—16 year-old students)

May 2018 - Aug 2018

gave me a variety of skills including the ability to prepare how to deliver technical topics in the most simple ways Alexandria ,Egypt
using attractive helping tools in addition to developing my communication skills (it takes great passion to work with kids and make them see the power of programming concepts through you)

achieved a simple application for kids to learn Coptic (ancient Egyptians barely dead language used in orthodox Christians ceremonies) that got 3rd prize at El-Kraza national competition for kids

Technical Intern

May 2017 - Jul 2017

Arab Academy For Science, Technology & Maritime Transport - Engineering Building B

Alexandria, Egypt

learned about Embedded Systems latest tendencies in the market for global companies (Value , IBM, AVLabs...) .

gained some essential designing and C coding skills in addition to handling some useful projects...

Android Developer (INTERN)

Jun 2017 - Jul 2017

technical team of Saint Mark Church

Alexandria, Egypt

basically improved self-learning skills , troubleshooting , sharing data and work with siblings on large projects with high consistency ...

Social Activity

Academic committee member

the voluntary Society of 'Engineers but ...'

earned great team work and leadership skills in addition to decision making and human

interacting skills as we continuously preparing for educational and professional events for engineering students ...

Oct 2015 - Apr 2016
Alexandria University , Egypt

Certificates

Udacity Nano Degree of Android Developing track offered by Udacity for One Million Arab Coders Initiative

Experience Certificate for Android Developing Internship offered by ITSpark Company on behalf of ITac Initiative from the Egyptian Ministry of Communication

DELFB2 (French Language certificate) offered by French Embassy

Education

Undergraduate : Computer Science and Systems Engineering (class of 2020)

Faculty of Engineering , Alexandria University, Egypt

- **Top 4%** of class for 3 years in a row with **GPA of 3.7**
- Finished Million Arab Decoder scholarship on Udacity for studying Android developing (gained and improved Android Apps designing and maintaining skills and built a number of app projects as part of the course , also analyzing the work flow of famous apps which gave me confidence and made designing an app from scratch very feasible)
- Currently taking online udacity course of web developing track
- taking many online courses to work on my programming and problem solving skills
-

Projects achieved as part of college courses

- Smart House Project for electronics course (using **arduino**)
- Data Base complete System for a Library Interfaced with java for Data Base Course (using **MySQL and Java**)
- **Pintos project** which is a Stanford project for operating systems course to enforce your knowledge about **operating system – based on Linux-** concepts and get familiar with the coding process(Using **C**)
- Minesweeper game (Using **C** language for programming 1 course).
- Optimizing logical-Circuits using tabular method (circuit optimization for digital course) (Using **java**).
- Web application (hospital finder) (Using **Ruby** on Rails).
- Solving maze (a game using **java** for data structure 1 course).
- Arithmetic Logic Unit (using **VHDL** for digital 2 course).
- Paint Project with interactive features (using **java** for OOP course).
- Java Data Base Connection Project (using **java** for OOP course).
- The famous Packman game project with GUI (using **Java** for OOP course)
- Assembler Project for system Programming Course (using **C++**)
- Java Compiler Project for Compiler Course (using **C++**)
- Full equation solving system for all types of equations for numerical analysis course (using **matlab**)
- Interpolation and curve fitting system for numerical analysis course (using **matlab**)
- Signal Flow Graph (input graph and get the detailed analysis and output function)with GUI as part of Automatic Control course using **java**

Projects in progress outside scope of college courses

music Android Application (designing phase done and development phase is in progress , the app is scheduled to be done and on app store in October , 2019)

provided a link to my GitHub account :

<https://github.com/Marina-Zakaria>

linked in account :

<https://www.linkedin.com/in/marina-zakaria-a0450914a/>

Additional Skills :

Languages: Arabic (mother tongue) , English (fluent) , French (advanced , got B2 certificate) , German (beginner)

Interests: travelling and sightseeing , music , play the eastern drum (daraboka)

