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Ahmed Hassan Khalaf

Career Objective

I Am a developer who loves all branches of computer sciences, that's I am seeking an attractive job full of challenges, learning opportunities, and projects with the flavor of computer sciences.
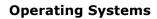
Qualifications

- Can handle multiple projects, and work under stress.
- Effective team member and have a good potential to be a leader.
- Problem solving, and performance optimization skills.
- Always focusing on my problems, and the easiest way to solve it.

Computer Science Background

- Object-Oriented Programming, Design Patterns, Database Management System, Algorithms, Artificial Intelligence, Image Processing, Neural Networks, OCR, VoIP, XMPP, Game Development, Natural language processing.

IOS Development

- IOS 4.3-8.1 development, with X-Code 4.6, 5.X, and 6.X.
- Unit-Test (native & using Kiwi library), and "Code Coverage" for test cases.
- Project analysis & profiling.
- Subversion and GIT repositories, and GIT flow experience.
- SQLite, FMDB, and Core-Data.
- Aware of releasing the testing versions using TestFlight, and other testing versions production technologies.
- iAds, Admob, and other advertising SDKs integrations.
- Experience with Google Analysis to monitor the user's behavior.
- JSON/SOAP web-services, download/upload files, login sessions, XMPP chat sessions, VoIP calls, and having a good background about securing the web-services on both server-side, and client-side.
- Storyboard & Auto-layout.
- Integrating native iOS services, Address Book, Mail, SMS, Camera & Photos, Keychain...
- Documenting the code using Doxygen, and generating the documentation.
- Cocoa-Pods, 3rd party libraries, and C-Based libraries.
- Good background with memory management, and ARC concepts.
- IOS 8 app extensions development.
- Location services, MapKit, and Google Maps.
- Good background with Cocos-2d & "Spirit Builder", and developed a couple demo games from tutorials, and another game with my own.
- Aware of Apple development account management, and App-Store review process, guidelines, and restrictions.
- IOS UI & UX Apple's guidelines, Marketing guidelines, and App Localization.

Operating Systems

- Mac OS X, and Microsoft Windows.

Design Patterns

- MVC, Decorator, Delegation, Observation, Singleton, Facade, and others.

Work Experience

Employer	Project	Languages
Academic Projects: FCIS Ain-Shams	Applying Central Force Optimization algorithm.	C#
	Graduation Project: iPhone application that supports real time translation of text contained in images or video streamed by the mobiles camera. Showing translation floating over original text.	Objective-C
	Other projects using: C#, Prolog, Turbo-C, C++ & OpenGL, and Assembly.	
SygmaTel[1]: Telecommunications company develops it's own software. 1/1/2013 to 1/3/2014	BlaBla Cash (iOS): XMPP chatting application with some financial services.	Objective-C
	BlaBla Connect [2](iOS): VoIP, SIP, and chat application.	
	BlaBla Connect (OS X)	
	BlaBla CRM: Web-application used to monitor the customers usage of BlaBla paid services.	PHP
	Other projects using: PHP, Word-press, Java, Objective-C, and some security improvement researches.	
e-Sealed [3]: Competitive software/hardware company works in the security industry. Located in Saudi Arabia	Dalily [4]: Mobile app similar to 'TrueCaller' for Saudi Arabia mobile Number. *Dalily ranked as one of the top utilities apps in Saudi Arabia AppStore[5].	Objective-C, PHP
	Arabic Keyboard [6]: iOS 8 custom Arabic keyboard with auto-correction, and auto-complete features.	Objective-C
	Other iOS projects not released yet.	

Work Experience

Employer	Project	Languages
Others	Dalil TV: iOS app for Arabic TV shows time schedule.	Objective-C, PHP
	Students grades administration system for "Port-said International Schools".	C#, SQL Server
	"The Castle Of Razule" [7]: first-person shooter game.	Unreal Development Kit Game Engine
	Qafashat: Lite iOS app for Egyptian movies comics.	Objective-C, PHP
	Spelling Corrector [8]: Open-source iOS spelling checker, and spelling-corrector project.	Objective-C
	Crazy Car [9]: Simple iOS 2D game made with spirit builder.	Objective-C, Cocos2d
	iView 360 [10]: mobile app manages a specific business for StingRay consultation company.	Objective-C

Public Profiles

- Linked-in: http://www.linkedin.com/pub/ahmed–khalaf/20/664/b41
- GitHub: http://github.com/akhalaf

Languages

- Arabic → Mother Tongue.
- English → Good.

Hobbies

- Reading, Workout, Learning Math on Khan Academy, Solving Puzzles.

Education

High school	2006 - Graduated from **"The advanced technical school to the information technology"** with "Excellent" Grade. Ismailia, Egypt.
University Degree	2011 - **Faculty of Computer& Information Science** "Computer Science" Department with "Good" Grade. Ain-Shams University, Cairo, Egypt.

Personal Data

Date of Birth	18/3/1988
Place of Birth	Port Said, Egypt
Nationality	Egyptian
Marital Status	Single
Military Service	Finished with top ethics degree

References

[1] – "SygmaTel" Company Web-site:
http://sygmatel.com/

[2] – "BlaBla Connect" App-Store URL:
https://itunes.apple.com/hk/app/blabla-connect/id722557476?mt=8

[3] – "e-Sealed" Company Web-site:
http://e-sealed.com/en

[4] – "Dalily" App-Store URL:
https://itunes.apple.com/us/app/dalily/id911393878?mt=8

[5] – "Dalily" Rank:
https://www.appannie.com/apps/ios/top/saudi-arabia/utilities/?device=iphone

[6] – "Arabic Keyboard" App-Store URL:
https://itunes.apple.com/us/app/arabic-keyboard/id934878935

[7] – "The Castle Of Razule" YouTube Demo video:
http://www.youtube.com/watch?v=1Meo85dBVIA

[8] – "AKSpellingCorrector" Open-Source project URL:
http://github.com/akhalaf/AKSpellingCorrector

[9] – "Crazy Car" App-Store URL:
https://itunes.apple.com/us/app/id959281141

[10] – "iView 360" App-Store URL:
https://itunes.apple.com/us/app/iview-360/id963592253