



# KHALID MOHAMED ALNUAIM

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## EXPERIENCES

### PROGRAMMER ANALYST AT KING FAISAL SPECIALIST HOSPITAL

November 2013 – Present (Full-time)

Working with the system development team in developing applications for different platforms: Web applications using JavaServer Faces (JSF), console applications using (Java) and iOS applications using (Objective-C).

### INTERN AT KING FAISAL SPECIALIST HOSPITAL

June 2012 – August 2012 (Internship)

Worked on one of the hospital's Web applications; Emergency Management System (EMS) by enhancing the application and adding administrative features to it, that allow the administrator to configure and setup the emergency unit.

## PROJECTS

### SEHATY (MY HEALTH), KFSH&RC August 2015.

Technologies: Objective-C

Details: <http://kalua.im/link/sehaty>

App Store: <https://itunes.apple.com/sa/app/sehaty/id1035658331>

The official iOS application for King Faisal Specialist Hospital and Research Centre's patients. Worked as the main developer; developing all app's views that retrieves the user's data from a backend DB by consuming an API. In addition, managing the user's session and implementing some of the iOS 10 SDK features like: **LocalAuthentication**, **UserNotifications**, **HealthKit** and **EventKit**.

### LIFESTYLE, KFSH&RC February 2016.

Technologies: Java, Web (HTML, CSS and JS) and Objective-C

Details: <http://kalua.im/link/lifestyle>

A health tracking functionality for KFSHRC's patients so they be monitored by their physician. As part of a team of two, my responsibility was to develop two parts, the backend to store all the data, in addition to an API, this part was develop using Java. The second part was developing the controller inside the official iOS app "Sehaty" which interact with both the API and the iOS **HealthKit**.

### MYSHARE DRIVE, KFSH&RC February 2015.

Technologies: Batch file, VBScript and Windows Registry

Details: <http://kalua.im/link/mydrive>

A collection of Batch, VB Script, and registry files packaged inside of an .exe file that installs, configures, maintains, and monitors a WebDAV client (WebDrive) to connect to Alfresco (ECM). My job was to create all the necessary scripts that install the WebDAV client and configure it based on the user's location, in addition, my job was to ensure that the scripts run as stealth as possible without any popups or command prompts.

### VARIOUS JSF APPLICATIONS, KFSH&RC 2013 - 2016.

Technologies: Java, Web (HTML, CSS and JS)

Details: <http://kalua.im/link/jsf>

Developing various Web applications using JavaServer Faces (JSF). These include: Default Location an application concerned with management of the location of PCs connected to the hospital's medical system (Cerner). Extension for Supply Chain Customer Service that presents data from multiple sources based on the customer selection. Supplies Scan an extension for the medical store application, which handles unregistered items by connecting the item's barcode with an item code in the enterprise resource planning (ERP) system and then adds more details about this item.

ARABIC TWEETS CLASSIFIER AND ASSESSMENT, ImamU (Graduation Project 2013)

Technologies: C# and .NET

Details: <http://kalua.im/link/twitather>

Analyzing the user contribution on Twitter to measure the impact on its followers, thru these steps: cleaning, classifying and measuring the impact, then the result is presented to the user in different forms, including the impact of the various hashtags. My part was primarily researching this subject and writing the report. In addition, I implement the cleaning functionalities; like cleaning the tweet from stop words, URLs, hashtags and non-Arabic words.

**For more projects:** <http://kalua.im/projects>

**CERTIFICATIONS** | Red Hat Certified System Administrator, **Red Hat** (140-006-149) January 2014 - 2017.  
Introduction to Computer Science, **Udacity** February 2012.

**EDUCATIONS** | IMAM MUHAMMAD IBN SAUD ISLAMIC UNIVERSITY  
B.S. IN COMPUTER SCIENCE (2008 - 2013) GPA: **4.01** out of 5

**AWARDS** | SCHOLARSHIP RECIPIENT, KFSH&RC August 2016.  
Full scholarship (tuition, travel and living expenses) to pursue a master's degree in Computer Science abroad.

**LANGUAGES** | Arabic (Native), English (Professional working proficiency).

**SKILLS** | Java, Web (HTML, CSS and JS), Objective-C, Python and Linux.