

# Khalid Alnuaim

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## Experiences

### Applications Development Analyst

at King Faisal Specialist Hospital and Research Centre  
November 2013 - Present (Fulltime)

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 and Research Centre  
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.

## Educations

### Stevens Institute of Technology

M.S. In Computer Science (2017 - 2018 Expedite)  
GPA: - out of 4

### Imam Muhammad ibn Saud Islamic University

B.S. In Computer Science (2008 - 2013)  
GPA: 4.01 out of 5

## Certifications

### Red Hat Certified System Administrator

Red Hat (140-006-149) January 2014 - 2017.

## Awards

### [Winner Most Original] Share Your Taste

from DuckHacks' Hackathon 2017

Link <https://devpost.com/software/duckhacks-share-your-taste>  
March 2017.

### Full Scholarship Recipient

from King Faisal Specialist Hospital and Research Centre  
August 2016.

## Languages

**Arabic** (Native), **English** (Professional).

## Skills

Java, JavaScript, Python, Objective-C.  
Node.js, Express.js, React, GlassFish, Flask, JSF2.  
HTML5, CSS3, Pelican (Static Site Generator).  
SQL, NoSQL, Redis.  
Git, Mercurial, Perforce.  
npm, pip, APT, Homebrew, gulp.js, Linux.

## Projects

### Sehaty (My Health)

King Faisal Specialist Hospital and Research Centre (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

King Faisal Specialist Hospital and Research Centre (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

King Faisal Specialist Hospital and Research Centre (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

King Faisal Specialist Hospital and Research Centre (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

Imam Muhammad ibn Saud Islamic University (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>



For a digital copy:  
<http://kalua.im/resume/>  
Version 2017.03.001