Khalid Alnuaim

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Education

Stevens Institute of Technology
M.S. In **Computer Science** (2017 – Present)
Expected December 2018

Imam University
B.S. In **Computer Science** (2008 – 2013)
GPA: **4.01** out of **5**

Experiences

Applications Development Analyst
King Faisal Specialist Hospital and Research Centre
November 2013 – August 2016 (Fulltime)

Developed applications for different platforms: Web applications using JavaServer Faces JSF, console applications using Java and iOS applications using Objective-C.

Intern
King Faisal Specialist Hospital and Research Centre
June 2012 – August 2012 (Internship)

Enhanced Emergency Management System (EMS) by adding administrative features to allow the administrator to configure and setup the emergency unit.

Awards & Achievements

Winner Most Original Project
Stevens Institute of Technology - DuckHacks Hackathon 2017
Google and JPMorgan Chase & Co.
https://devpost.com/software/duckhacks-share-your-taste
March 2017.

Full Scholarship Recipient
King Faisal Specialist Hospital and Research Centre
August 2016.

Red Hat Certified System Administrator
Red Hat (140-006-149) January 2014 – 2017

Languages

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

Skills

Languages: Java, JavaScript, Python, Objective-C.

Frameworks: Node.js, Express.js, GlassFish, Flask, JSF2.

Front-end: HTML5, CSS3, React, jQuery, Bootstrap.

Data: SQL, NoSQL (MongoDB), Redis.

Continuous delivery: Git, Mercurial, Perforce, Jenkins.

Miscellaneous: npm, pip, APT, Homebrew, gulp.js, Linux, Pelican (Static Site Generator).

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

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

Healthy 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

Created a health tracking application for KFSHRC's patients so they be monitored by their physician. In addition, created a reusable API to store all the data using java. Also, developed the controller inside the official iOS app "Sehaty" which interacts 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, VBScript, and registry files packaged inside of an .exe file that installs, configures, maintains, and monitors a WebDAV client (WebDrive) to connect to Alfresco (ECM). I created all the necessary scripts that install the WebDAV client and configure it based on the user's location, in addition, ensured that the scripts work without any user interaction.

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

Developed 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). Created **Extension for Supply Chain Customer Service** that presents data from multiple sources based on the customer selection. Developed **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

Analyzed user's contributions on Twitter to measure the impact on the user's followers, through 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. I implemented the cleaning functionalities; like cleaning the tweet from stop words, URLs, hashtags and non-Arabic words.

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