

Khalid Alnuaim

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Objectives

To obtain a summer internship or part-time position as software engineer to improve my knowledge, experience and skills in computer science especially programming and software development.

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 - November 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 set up 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, 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 lead developer; developed all app views that retrieve the user's data from a backend database. 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 and configure the WebDAV client based on the user's location. 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.

Rateb

Personal (Open source)

Technologies: Objective-C

Details: <http://kalua.im/projects/Rateb/>

App Store: <https://itunes.apple.com/us/app/rateb-ratb/id1166102498>

Developed an open source iOS application that calculates the remaining days for the next salary (the fifth of the solar hijri month) based on Saudi Arabia's Cabinet decision number 551. The application uses Today extension (Widget), therefore, it was split into two parts **App** and **Lib** to share the calculation code between main app view and today view without any code duplication following the DRY principle.

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. The application cleaned, classified and measured the impact, then presented the data in different forms, including the impact of the various hashtags. I implemented the cleaning functionalities; e.g. removing stop words, URLs, hashtags and non-Arabic words.

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



For latest digital copy:

<http://kalua.im/resume/>

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