

AMJED AYOUB

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GitHub Profile: <https://github.com/AmjedAyoub>

LinkedIn Profile: <https://www.linkedin.com/in/amjed-ayoub>

Summary

- Full-stack web and application developer with a passion for creating smart, user-friendly and meaningful applications that make a long-term positive impact on the user's life
- Fast learner with an attitude to learn and improve. I enjoy working as part of a team but also excellent at working independently

Education

Coding BootCamp Full-Stack Developer

November 2019

University of Washington, Seattle, WA

Master of Science in Computer Science

May 2016

Albalqa Applied University, Albalqa, Jordan

Bachelor of Science in Computer Science

May 2012

Jordan University of Science and Technology, Irbid, Jordan

Projects

WonderKitch

2019

WonderKitch is a Website designed to make meal planning efficient, easy and waste-free. Users can view recipes they can make based on ingredients they already have in their fridge. This project was created in collaboration with three classmates. At the back end, I was responsible for setting up the server, managing the API and the Mongo database routes. At the front end, react.js was used, I was responsible for designing the inventory page, the receipt scan, the search page and the saved recipes page.

Link to project: <https://wonderktich.herokuapp.com>

<https://github.com/AmjedAyoub/wonder-kitch-api>

<https://github.com/AmjedAyoub/wonder-kitch-web>

Little Library

2019

This project was created in collaboration with two classmates. This is a user driven application that helps build communities through literacy. Users of this application can access physical books from a local "Little Free Library". I was responsible for building the MySQL database using sequelize.js, the library page design and functionality.

Link to project: <https://little-library-app.herokuapp.com>

<https://github.com/AmjedAyoub/LittleLibrary>

Home Improvement Material Store (My Store)

2018

This is a solo project. The program manages the store's inventory and the business financial performance allowing the store to be mainly paperless. The program is being used to manage inventory by registering customers and wholesalers' transactions as well as inputting, editing, viewing, and searching receipts, and implementing notifications when the store is ready to reorder materials. To manage the financial performance of the store, the program has an accounting and managerial side to manage employees' salaries, accounts payables, accounts receivables, expenses, sales, and profits. This program is user-friendly to view, search, and manage the entire store within a few clicks.

Link to project: <https://github.com/AmjedAyoub/LocalStoreManaging>

Master's Graduation Thesis - A Fusion-based Extraction of Key Phrases from Abstracts of Scientific Articles

2016

The main purpose of this solo project and research was to extract keywords from documents using a fusion-based technique, which is based on three other existing techniques that use "Hulth 2003" as dataset for training and testing. The three original techniques produce their results as lists of extracted keywords. This new and improved technique integrates and calculates the results of those previous three techniques to produce its' own results of more accurate keywords than the keywords that are produced individually.

Link to project: <https://github.com/AmjedAyoub/A-Fusion-based-Extraction-of-Key-Phrases-From-Abstracts-of-Scientific-Articles>

Royal Railway Systems

2014

This is a solo project. This system was built assuming that Jordan uses trains for public transportation within its' 12 main cities. The program is theoretically for users to view and book train trips. Users can schedule multiple trips in one ticket allowing them to choose between economy, business, and first-class seats. The program has a back-end access by employees of the train transportation company to input schedules of trains, modify existing trains and trips, and to notify customers of updates, delays, and issues with their trips. Managers can manage employees' access rights to the program to restrict access to the confidential accounting and managerial side of the company.

Link to project: <https://github.com/AmjedAyoub/Royal-Railways>

Bachelor's Graduation Project - Smart Inventory System

2012

This program was created in collaboration with one classmate. The purpose of this program is to manage restaurants' inventory. The program uses Artificial Intelligence by taking historical data related to sales, accounting, distribution, and inventory to create forecasting planning. Using C#, the program predicts daily, and yearly patterns and activities to suggest strategies to manage the availability of goods, reduce food costs, and gain greater visibility of inventory.

Link to project: <https://github.com/AmjedAyoub/Smart-Inventory-System>

Experience

Private Tutor

September 2013 – May 2016

- Developed tutorial material that aligned with course material
- Taught individual college level students and groups of up to 10
- Taught students the basics of Advanced Algorithms, JavaScript and C#
- Prepared students for tests by conducting test review sessions

Skills

- Spoken Languages: English, Arabic and Greek
- Programming Languages: HTML, CSS, JavaScript, C#, Java and Perl,
- Tools & Technologies: Node.js, React.js, Sequelize.js, Handelbars.js, AJAX and API management
- Databases: MYSQL and MongoDB