

Omar Almoallim

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EDUCATION

UNIVERSITY OF OTTAWA

BSc. HONOURS COMPUTER


SCIENCE

Expected Graduation: Dec. 2020

LINKS

 Github://OmarAlmo

 LinkedIn://omar-almoallim

 Lemma: lemmaapp.herokuapp.com

SKILLS

PROGRAMMING

- Python • Ruby on Rails
- HTML • CSS
- JavaScript • NodeJS
- SQL • Java

SOFT SKILLS

- Passionate • Committed
- Motivated • Team player • Problem solver

ACTIVITIES

- Capture The Flag
- Designing of Secure Systems
- Machine Learning
- CS Club

LANGUAGES

Fluent:

- Arabic • English

Intermediate:

- French

PROJECTS

LEMMA | KNOWLEDGE EXCHANGE PLATFORM

March 2019 – present

- A platform that enables an individual to learn about their interest and share their expertise with one another
- A Ruby on Rails application that uses PostgreSQL.
- Front-end created using UIKit and Vise CSS frameworks
- Continuous integration using Travis CI

MESSAGE ANALYZER | DATA ANALYSIS

November 2018 – present

- Python program that reads and generates statistical data from WhatsApp conversation outputs
- Incorporates various machine learning libraries including Pandas and Plotly

PIXSTORE | IMAGE STORE AND REPOSITORY

May 2019

- An image repository web application that allows users to upload and share images
- The application uses NodeJS-Express with MongoDB, and front-end created using UIKit

JOBZI | ON-DEMAND HOME REPAIR SERVICE

September 2018 – December 2018

- The Uber for home repairs
- Android java application with Firebase database integration
- Application development supported by important software engineering concepts such as usability, quality and design
- Developed as part of a team project

HOTEL SYSTEM | HOTEL BOOKING SYSTEM

January 2019 - April 2019

- An application to book a hotel room or have an employee book it for you
- Uses PHP bootstrap front-end with an emphasis on SQL Queries

EXPERIENCE

BACK-END DEVELOPER | ASHYATECH - ENERGY MANAGEMENT SYSTEM

July 2019 - Present

- Ruby on Rails development with PostgreSQL database
- Work on the database architecture, creating the proper tables and migrations
- As well as focus on user authentications processes

CATS FOR EARTH, UOTTAHACK | LIFESTYLE IMPROVEMENT

February 2018

- Won best design award
- A platform to encourage individuals to recycle and dispose waste responsibly to gain 'cat' award
- The application is created by NodeJS back-end and ReactJS as the front-end framework
- Used MongoDB as a document store for cat profile pages