

# Omar Almoallim

omaralmo.github.io

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## EDUCATION

### UNIVERSITY OF OTTAWA

BSc. COMPUTER SCIENCE WITH

MINOR IN BIOPHYSICS

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

## ACTIVITIES

- Capture The Flag
- 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
- Increases trust in community
- Encourage in real life interactions

### MESSAGE ANALYZER | DATA ANALYSIS

November 2018 – present

- Read a WhatsApp text file, analyze the senders, number of messages and other information
- Inspects the results and returns the statistical data

### JOBZI | ON-DEMAND HOME REPAIR SERVICE

September 2018 – December 2018 | Ottawa, Canada

- The uber for home repairs
- Android app with firebase integration

### HOTEL SYSTEM | HOTEL BOOKING SYSTEM

January 2019 - April 2019

- A web app using PHP with an emphasis on SQL Queries
- Book a hotel room or have an employee book it for you

### PIXSTORE | IMAGE STORE REPOSITORY

May 2019

- An image repository web application that allows users to upload and share images

## EXPERIENCE

### 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
- Cat awards increase in value the more rare they are

### CS GAMES | TEAMWORK AND CRITICAL THINKING

March 2019

- Algorithm problem solving
- Team working, critical thinking, project analyzing

## VOLUNTEER WORK

### RESEARCH ASSISTANT | ANALYZED NEURONS OF ZEBRA FISH TO STUDY AND MAKE A MODEL FOR PARKINSON'S DISEASE.

October 2015 – May 2016 | Ottawa, Canada

- Python program to calculate data collected
- Analyzed cell images to calculate the number of cells in various parts of a zebra fish brain
- Reviewed the differences in the cell images to determine the results