

Omar Almoallim



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EDUCATION

UNIVERSITY OF OTTAWA
BSC. HONOURS COMPUTER
SCIENCE WITH DATA SCIENCE
Graduation date: Dec. 2020

LINKS

 Github://OmarAlmo
 LinkedIn://omar-almoallim

SKILLS

TECHNICAL

- JavaScript • NodeJS
- C# • .NET • Java
- Python • Flask
- Ruby on Rails • Angular
- HTML5 • CSS • Bootstrap
- SQL Server • MySQL
- PostgreSQL • GraphQL
- ERP - MS Dynamics NAV
- E-Commerce-Shopify
- Agile/ Scrum development

SOFT SKILLS

- Team player • Focused
- Passionate • Committed
- Fast Learner • Motivated
- Problem Solver
- Excellent Communication

INTERESTS

- Capture The Flag
- Secure Systems
- AI
- Cryptography

LANGUAGES

Fluent:

- Arabic • English

Intermediate:

- French

EXPERIENCE

SOFTWARE ENGINEER | CONTRACT MAY 2020 - PRESENT

Ecommerce frontend/ backend integration TDD (An Agile development)

- Assisted in designing, analysis and implementation of Shopify stores
- Developed fashion stores like ColeHaan.sa, Coach.sa, RosaClara.sa, Menbur.sa
- Developed an API to integrate Shopify store with MS Dynamics ERP
- Extensive use of NodeJS with SQL server, with Sequelize ORM
- Python scripting to manage bulk product modifications
- Involve in designing and development of logistic control/ WMS portal for Ecom

SOFTWARE ENGINEER INTERN | FLINKS PVT LTD. MAY - AUG 2020

Scrum team development an enterprise service portal for Flinks Customers

- Technologies used are .NET Core as the backend with Angular frontend stack, PostgreSQL database and Google Firebase for user authentication

PROJECTS

BEAM | SEARCH ENGINE

- Developed a python flask search engine web application
- Uses different modes of retrieval (VSM or boolean), spelling correction, and ranking methodologies and algorithms
- Incorporate different libraries including NLTK, Pandas, and SciKit-Learn to build a search engine

LIGHTWEIGHT CRYPTOGRAPHY | THESIS PROJECT

- Benchmarked numerous NIST lightweight cryptography algorithms
- Thesis was done under the supervision of Dr. Carlisle Adams
- The benchmarking is all developed in C & python languages
- More details can be found [here](#)

LEMMA | KNOWLEDGE EXCHANGE PLATFORM

- Developed a platform that enables an individual to learn about their interest and share their expertise with one another
- Used NodeJS-Express and GraphQL API with MongoDB as database

PIXSTORE | IMAGE STORE AND REPOSITORY

- Developed 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

- Scrum team development of 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