Adnane Gasmi

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Summary

Fourth year bilingual (English and French) Software Engineering student looking for exciting, and challenging career opportunities that will allow me to use both my current skills, as well as expand and learn new skills. I am knowledgeable in many popular programming, and scripting languages such as Java, C++, Ruby, and SQL. I am highly motivated, disciplined, and resourceful. I enjoy working in group environments, and greatly appreciate the value of team work.

Bachelor of Applied Science, Software Engineering, University of Ottawa, expected in April 2016.

Education

University of Ottawa   **Expected April 2016**

Bachelor of Applied Science, Software Engineering

Class level: 4th year

Dean's Honour List (2015)

Current Diploma Grade Point Average: 8.7

Some Completed Courses:

- Data Structures and Algorithms
- Databases
- Advanced Programming Concepts with C++
- Operating Systems
- Data communications, and Networking
- Software Design and Architecture
- Computing in Java I & II
- Software Quality Assurance
- Analysis and Design of User Interfaces
- Software Construction
- Software Requirements Analysis
- Computer Architecture I & II
- Introduction to Software Engineering

University of Ottawa   **April 2011**

Bachelor of Psychology

Minor in Health Sciences

Some Completed Courses:

- Biological Foundation of Behaviour
- Social Psychology
- Perception
- Personality

Experience

University of Ottawa Software Engineering Capstone Project   **2015 - Present**

- Regularly meet with the client to gather, and refine requirements. Also regularly demonstrate the latest minimal viable product to the client after every iteration, in order to receive regular feedback.

- Build an iOS grocery list app with the ability to automatically sync lists between users, as well as carry information about list items such as which store items are found, and item categories.

- Also build a web interface where users will be able to perform the same actions as the mobile app, and have them reflected on the mobile devices automatically.

- Strong focus on usability and user experience by conducting usability testing with some end users

- Development is with Apple's latest programming language, Swift, as well as the cloud NoSQL database, Firebase.

Future Shop Computer Sales Associate   **2010 - 2012**

- Consult with customers, and suggest the optimal solution for their I.T. needs.

- Achieved the strongest overall sales numbers in my department for the years 2010, and 2011.

- Chosen to represent our store at a computing vendor fairs.

Technical Skills

- Java
- C++
- Swift
- Ruby

- Rails Framework
- SQL
- HTML
- CSS

- Git
- JUnit
- Swift
- iOS

Engineering Projects

Retail Website

Technologies used: Ruby on Rails, HTML, CSS

- E-commerce solution to allow for the online sales of products

- Features for the shopper include a clean user interface with a search bar, and product categories. As well as a shopping cart, and email notifications when orders are processed

- Features for the store administrator include an administrative interface to update the store product catalog, create new administrative users, as well as track customers' orders.

- Application was implemented with security features such as a secure login system for the administrators, as well as salted password hashing for records in the database.

- Source code can be found at: https://github.com/gadnane/rails_store

Property Rental System

Technologies used: Ruby on Rails, HTML, CSS

- Web application that connects landlords with potential tenants.

- Landlords create accounts and are able to post properties they have available for rent.

- Tenants can browse through the properties by either viewing all the properties, or filtering their results using a search feature based on location, type of property, rent, etc.…

- Tenants can add properties they are interested in to a visiting list, and can use that list to plan their search for a home.

- Application was implemented with security features such as a secure login system that grants access to different parts of the application to different users based on their account types.

- Salted hashing was also implemented for passwords in the database.

- Source code can be found at: https://github.com/gadnane/houses_of_dreams

Restaurant Rating Application

Technologies used: Ruby on Rails, HTML, CSS

- Web application that allows users to view and rate restaurants.

- Administrators add restaurants to the application.

- Reviewers can log in and rate restaurants, as well as individual menu items the restaurant serves.

- Users can browse restaurants, as well browse based on certain criteria, such as highest rated type of restaurant, or most popular restaurants based on number of received reviews

- Some statistics were implemented to be viewed by the website administrator. Such as: viewing the reviewer that reviewed a certain restaurant the most frequently, viewing the reviewers that consistently give the lowest reviews, or restaurants that have not been reviewed since a particular date.

- Source code can be found at: https://github.com/gadnane/metro_spoon