Adnane Gasmi

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Summary

Software engineer living in Ottawa, Ontario, and looking for exciting and challenging career opportunities. Resourceful developer with great problem solving skills, and passion for writing clean, and efficient code. Knowledgeable in Java, C#, Ruby, SQL, and motivated to learn new technologies.

Experience

Software Developer at JSI Telecom   **May 2016 - Present**

- JSI Telecom is an established leader in state-of-the-art collection, management, and analysis solutions for the law enforcement and intelligence community.

- Software developer working with technologies such as C#, WPF, and Delphi.

Independent Consultant   **December 2015 - Present**

- Hired by French as a Second Language school to develop web application to manage many day to day operations

- Responsible for entire engineering life cycle: gathering requirements, creating the design, performing test-driven development, and meeting with the client after every iteration to demo the product

- Some features of the application:

    o Keeping track of client contracts

    o Assigning teachers to students

    o Scheduling for teachers, as well as for students

    o Classroom assignment and management

    o Budget tracking

    o Archive of previous contracts, and metrics related to those contracts

Future Shop Computer Sales Associate   **August 2010 – December 2012**

- Consulted 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 the store at computing vendor fairs

Education

University of Ottawa   **April 2016**

BASc in Software Engineering

Magna Cum Laude

Dean's Honour List (2014, 2016)

Diploma Grade Point Average: 8.7

University of Ottawa   **April 2011**
Bachelor of Psychology

Minor in Health Sciences

Technical Skills

- Java
- C#
- Ruby
- Delphi
- Swift

- C++
- Rails Framework
- SQL
- HTML
- CSS

- Git
- JUnit
- 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