Ducarmel Rodchild Zephyr

rodchild@gmail.com   613 501 0347

@linkedin   **@github.com**   **@portfolio**

Skills

Programming Languages	: HTML & CSS (including Bootstrap), JavaScript, jQuery, AJAX, HTML5 Canvas, C/C++/C#
Frameworks	: JavaScript Web App Frameworks (Knockout), JavaScript Testing Frameworks (Jasmine)
Operating Systems	: Linux, Windows
Other	: Git, Critical Rendering Path, 60FPS Rendering, Object-Oriented Programming, Chrome Developer Tools.

Projects

● **A PDF-file design mockup has been replicated in HTML and CSS.** Developed a responsive website using responsive web design principles and responsive images. Descriptions, images and links for each of the portfolio project completed throughout the course of the Front-End Web Developer Nanodegree are displayed.

● **Online resume using JavaScript and jQuery**. Master the language's syntax through a series of challenges. Each multipart problem mimics a real-life challenge that front-end developers face. Wrote clean code and used object oriented programming techniques and principles to successfully render a resume with an interactive map by using 4 JSON objects representing four distinct sections of the resume.

● **Classic Arcade Game Clone using Object-Oriented JavaScript and HTML5 Canvas.** Received visual assets and a game loop engine; using these tools, added a number of entities to the game including the player characters and enemies to recreate the classic arcade game Frogger.

● **Website Performance and Browser Rendering Optimization.** Optimized a provided website with a number of optimization- and performance-related issues so that it achieves a target PageSpeed score and runs at 60 frames per second.

● **Neighborhood Map using AJAx and JavaScript Design Patterns.** Developed a single-page application featuring a map of my neighborhood. Added additional functionality to this application, including: map markers to identify popular locations or places I'd like to visit, a search function to easily discover these locations, and a listview to support simple browsing of all locations. Researched and implemented

third-party APIs that provide additional information about each of these locations (such as StreetView images, Wikipedia articles, Yelp reviews, etc).

- **Feed Reader Testing using JavaScript Testing.** Created successful test.

Relevant Experience

Web developer   April 2012 - September 2014
REVEL, Atlantic city, New Jersey

- Developed responsive front-end web applications that replicate design mockups.
- Achieved cross browser compatibility and performance.
- Lead intern programmers in acquiring programming methodologies and best practices.

Programmer   September 2010 - September 2011
GOVERNMENT OF CANADA, DEFENCE MINISTRY, Montréal, Quebec

- Assisted in migrating order management application from MS Access to .NET. Created data table and stored procedures with MS SQL Server 2005. This application helps reduce loss in the warehouse from 20% to 10%, reduce conflicts risks and increase productivity of staff as acknowledged by managers.

Technical support   March 2006 - March 2009
ADP ROSELAND, New-Jersey

- Managed linux operating systems.
- Achieved excellent relation with users dealing with software problems.
- Reduced response time to customer requests and improve customer satisfaction by providing quick answers to their questions and solutions to their problems.
- Increased customers productivity by providing seminars on how to use systems.
- Managed website maintenance and update
- Substantially increased security and performance of systems by implementing new anti-virus software and critical system updates procedures.

Education

Computer Programmer, Associate, *Bois de Boulogne College, Montreal, Quebec*
Front-End Web Developer Nanodegree:
Courses Taken: Intro to HTML and CSS, Responsive Web Design Fundamentals, Responsive Images, Version Control, JavaScript Basics, Intro to jQuery, Hosting Projects with GitHub Pages, Object-Oriented JavaScript, HTML5 Canvas, Website Performance Optimization, Browser Rendering Optimization, Intro to AJAX, JavaScript Design Patterns, JavaScript Testing.