Gregory Desrosiers

Software Programmer

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gregpdessch.github.io

SKILLS

- Java
- HTML
- CSS
- C++
- JavaScript
- C#
- Python
- Ruby
- Swift
- SQL
- ColdFusion

INTERESTS

- Video Gaming
- YouTube
- Article Writing
- City Life

TECHNICAL EXPERIENCE

IBM Canada, Ltd.   Markham, Ontario ➤

Unity AR HoloLens Developer   Jan 2018 – Apr 2018 📅

- Enabled Microsoft HoloLens Spectator View using **Unity** and **C#** for a **UWP** app from a Canadian engineering firm
- Created a Microsoft HoloLens architecture viewer app for a Canadian engineering firm using **Unity** and **C#**
- Dynamically replaced existing furniture in photos with different furniture using **OpenCV** and **C++** for a furniture retailer in the US

University of Waterloo   Waterloo, Ontario ➤

Web Application Developer   May 2017 – Aug 2017 📅

- Developed an audit app to guide SE students through degree requirements using **Play**, **Java**, **MariaDB**, and **jQuery**
- Presented reviews of assignment instructions on C++ template and software design principles

Public Works and Government Services Canada   Toronto, Ontario ➤

Web Developer   Sep 2016 – Dec 2016 📅

- Developed sections of the *Public Accounts of Canada* fiscal year spending breakdown using **HTML** and an in-house formatting language, delivering results to the Parliament of Canada with **W3C** standards met
- Implemented automatic loading of employee-based user results using **ColdFusion**
- Wrote an Instagram widget for an internal web portal using **ColdFusion** and **JavaScript**

The Weather Network (Pelmorex Corp.)   Oakville, Ontario ➤

QA Developer   Jan 2016 – Apr 2016 📅

- Conducted regression testing on desktop and mobile website agile updates, providing critical advice to the development team on user experience and functional quality
- Performed functional testing using logged **Atlassian JIRA** tickets as test scenarios

Ark Paradigm, Inc.   Kitchener, Ontario ➤

Web Developer   June 2015 – Jul 2015 📅

- Created frontend interface for a financial audit website using **HTML**, **CSS**, and **jQuery**

UWaterloo Conrad BET Centre   Waterloo, Ontario ➤

Research Assistant Developer   May 2015 – Aug 2015 📅

- Programmed front-end unit tests for a web-based entrepreneurial platform using **Selenium WebDriver** and **Java**
- Added UI elements to a LEGO store web application using **BackboneJS**, **Bootstrap**, and **Django**

PROJECTS

- **ToronHot Dog:** Engineered a website to help people look for hot dog stands in Toronto using **Google Maps**, **Ruby on Rails**, **PostgreSQL**, **jQuery**, and **Bootstrap**
- **DETERGO:** Programmed **iOS** / **Android** app & **Ruby** script to estimate laundry detergent amount for washing
- **MLH Tic-Hac-Noe:** Produced 6x6 tic-tac-toe game using **Unity** and **C#**, achieving Daily 4th Place on Newgrounds

EDUCATION

University of Waterloo   Waterloo, ON ➤

Bachelor of Software Engineering (BSE)   **Sep 2014 – Present** 📅