Gregory Desrosiers

Software Engineer

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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** 📅