Gregory Desrosiers

Software Developer

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SKILLS

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

INTERESTS

Video Gaming
YouTube
Article Writing
City Life

TECHNICAL EXPERIENCE

Kii Mobile Technologies, Inc.
Toronto, Ontario
Software Developer
Aug 2018 – Present

- Engineered an administration portal, using **Angular**, **Spring**, and **MongoDB**, to manage users and **Dialogflow** agents of an e-mail based system for **Salesforce** CRM
- Enhanced an e-mail parser with operations for extracting possible Salesforce account and contact objects, and for selecting opportunities for adding tasks using **Java**, **Spring**, **Dialogflow**, and the **Google Knowledge Graph API**

IBM Canada, Ltd.
Markham, Ontario
Unity AR HoloLens Developer
Jan 2018 – Apr 2018

- Integrated Microsoft HoloLens Spectator View using **Unity** and **C#** for a **UWP** app from a Canada engineering firm
- Created a Microsoft HoloLens architecture viewer app for a Canadian engineering firm using **Unity** and **C#**
- Devised a 2D room designer for furniture placement using **OpenCV** and **C++** for a US furniture retailer

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 automation 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, Ontario
Bachelor of Software Engineering (BSE)
Sep 2014 – Apr 2019