Gregory Desrosiers

Software Engineer

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gregpdessch.github.io 🚠

TECHNICAL EXPERIENCE SKILLS

Java Kii Mobile Technologies, Inc.

Toronto, Ontario **9**

HTML

Software Developer

Aug 2018 – Dec 2018 🛗

CSS

• Fabricated an administration portal, using Angular, Spring, and MongoDB, to manage users and Dialogflow agents of an e-mail based system for Salesforce CRM

C++ **JavaScript**

• Enhanced an e-mail parser with operations for extracting accounts and contacts to Salesforce record format, and

C#

selecting opportunities for adding tasks using Java, Spring, Dialogflow, and the Google Knowledge Graph API

Python

IBM Canada, Ltd.

Markham, Ontario 9

Ruby

Unity AR HoloLens Developer

Jan 2018 – Apr 2018 🛗

Swift SOL

• Integrated Microsoft HoloLens Spectator View using Unity and C# for a UWP app from an 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

INTERESTS

University of Waterloo

Waterloo, Ontario 9

Video Gaming

YouTube

Web Application Developer

May 2017 – Aug 2017 🛗

Article Writing

• Elicited reviews of assignment instructions on C++ template and software design principles

City Life

Public Works and Government Services Canada

Toronto, Ontario **9**

Sep 2016 – Dec 2016 🛗

Web Developer

• 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

• Upgraded an audit app to guide SE students through degree requirements using Play, Java, MariaDB, and jQuery

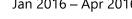
- Implemented automatic loading of employee-based user results using **ColdFusion**
- Wrote an Instagram widget for an internal web portal using ColdFusion and JavaScript

The Weather Network (Pelmorex Corp.)

Oakville, Ontario 9

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 9

June 2015 – Jul 2015 🛗

Web Developer

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

UWaterloo Conrad BET Centre

Waterloo, Ontario 9

May 2015 – Aug 2015 🛗

Research Assistant Developer

- 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

- WATOSCENGEN Initiated a road generation project for the WATonomous student design team using Unreal Engine 4, Blender, and C++ to test feedback control, path planning, and perception of team's self-driving Chevrolet Bolt
- ToronHot Dog Designed a website to help people look for hot dog stands in Toronto using Google Maps, Ruby on Rails, PostgreSQL, jQuery, and Bootstrap
- 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 – May 2019 🛗