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TECHNICAL SKILLS

Programming Languages: Java, HTML, CSS, JavaScript, C++, C#, Python, Adobe ColdFusion, MySQL

Frameworks and APIs: jQuery, Unity, Selenium WebDriver, Django, Backbone.JS, AngularJS, JUnit, LaTeX, Bootstrap

Tools: Git, Adobe Brackets, Unity Editor, Eclipse, NetBeans, PyCharm, VMWare, Atlassian JIRA

PROFESSIONAL EXPERIENCE

Web Developer, Public Works and Government Services Canada

Sept. – Dec. 2016

- Developed sections of the *Public Accounts of Canada* website using **HTML** and an in-house formatting language, meeting some W3C standards, delivered the website on schedule
- Delivered recommendations from research on blocking web crawlers for a confidential government website, resulting in a bigger user-agent block list
- Implemented automatic loading of name-based user results using **Adobe Coldfusion**, loading the page immediately from search results
- Wrote an Instagram widget with **Adobe ColdFusion** and **JavaScript** for an internal web portal

QA Developer, Pelmorex Media, Inc. (The Weather Network)

Jan. – Apr. 2016

- Strategically conducted market-based regression testing on both desktop and mobile sites, improving functional and user-end quality
- Created and updated checklists to streamline the bi-weekly regression testing process, reducing testing duration to 8 hours on average
- Coded coverage to a test data generator for multiple **XML** schemas of weather data using **C#**
- Performed functional testing using logged **Atlassian JIRA** tickets as test scenarios, increasing reliability of the websites' mechanics
- Completed two full-scale regression testing cycles for website backend upgrades, improving performance and user experience

Research Assistant Developer, UWaterloo Conrad Centre

May – Aug. 2015

- Programmed 12 front-end unit tests for a web-based entrepreneurial platform using **Selenium WebDriver** and **Java**, increasing testing procedure efficiency
- Added new interactive mechanics to a LEGO store web application for UWaterloo's BET 607 course using **Backbone.js**, **Bootstrap** and **Django**
- Self-taught **Django**, **Backbone.js**, **Git**, and **Selenium WebDriver**, succeeding in programming a to-do list web application

Web Developer, Ark Paradigm, Inc.

May – Aug. 2015

- Integrated a starter user interface for an automated system in financial reporting using **HTML**, **CSS** and **jQuery**
- Wrote some additional frontend code for the company website
- Self-taught **MySQL** to build some database tables for automation system

PROJECTS

MLH Tic-Hac-Noe

Dec. 2016

- Produced a two-player game based off of tic-tac-toe using **Unity 5** and **C#** at MLH Local Hack Day, achieving Daily 4th Place on Newgrounds on December 6, 2016

GPD Sliding Cannon

Sept. 2016

- Created a one-level fixed shooting game for Android using **Unity 5** and **C#**
- Utilized the gyroscope and touch screen taps as input

Personal Website

Feb. 2015 – Present

- Developed the website using **HTML5**, **CSS3**, **jQuery** and **AngularJS**
- Conceptualized layout and UX design, optimized website for desktop, phones, tablets, and the Nintendo Wii U