

## TECHNOLOGIES

### Experienced in:

- Java
- HTML
- CSS

### Comfortable with:

- C#
- C++
- jQuery

### Tools:

Windows, Atlassian JIRA, Visual Studio Express 2015, Adobe Brackets, Eclipse, NetBeans, Git Shell, JetBrains PyCharm, Selenium WebDriver

## TECHNICAL EXPERIENCE

### Pelmorex Media, Inc. (The Weather Network), OA Developer, Oakville, Ontario

January – April 2016

- Conducted market-based regression testing on both desktop and responsive sites using **iOS** and **Android** devices
- Completed two full-scale regression testing projects for website backend upgrades
- Performed functional testing on code updates and resolved defects
- Streamlined the scrum testing cycle by:
  - creating regression test checklists
  - coordinating the testing of said checklists with a team of four testers
  - optimizing checklists with feedback from the team
- Logged new functional and/or regression defects to the **Atlassian JIRA** during the sprint
- Reviewed and simplified the SKID Environment data generator using **Visual Studio Express 2015** and **C#**

### UWaterloo Conrad Centre, Research Assistant Developer, Waterloo, Ontario

May – September 2015

- Self-taught **Django**, **Backbone.js**, **Git**, and **Selenium WebDriver**
- Enhanced the Roboworx online application for UWaterloo's BET 607 course
- Designed flowcharts to improve login process of the Jamii student networking platform
- Programmed Jamii platform test scripts using **Selenium WebDriver**, **Java**, and **Eclipse**

### Ark Paradigm, Web Developer, Kitchener, ON

May – August 2015

- Implemented initial website code using **HTML**, **CSS**, and **jQuery**, following design drawings and layouts from CEO
- Designed a database structure using **MySQL** for startup applications

## PROJECTS

### Personal Website

February 2015 – Present

- Developing the update using **HTML 5**, **CSS 3**, **jQuery** and **AngularJS**
- Sketched out layout and UX design on paper, tailoring to three systems: desktop, phones and tablets, and Nintendo Wii U
- Utilizing **Adobe Brackets** and its Live Preview feature for coding and visual inspection
- Designed the website with inspiration from personal websites of classmates and Nintendo's *Splatoon* for both professional and entertainment purposes

### GI Jam 2015 Pong

October 2015

- Solely programmed a Pong clone using **C#** and **Unity 5** game engine
- Integrated an initial collisions system for the game and AI for the second player
- Built it to the PC with functional testing performed

### The Desrosiers Mechanics Teaching Tool, Champlain College Saint-Lambert

January - April 2014

- Implemented a **Java** application to demonstrate vectors and kinematics
- Utilized **Eclipse** for coding and **NetBeans** for GUI design
- Documented project initiative, design, and final results

## SKILLS AND QUALIFICATIONS

- Demonstrated knowledge of regression and functional testing practiced in previous co-op
- Eager to learn video game and website development through technical experience, side projects, and Nintendo's Wii U Development Program, including the Unity 5 Game Engine
- Efficient teamwork and leadership through employment and volunteering experience with the University of Waterloo

## VOLUNTEERING EXPERIENCE

**Games Representative**, University of Waterloo, Waterloo, ON

*September 2015 – Present*

- Organized and hosted a social gathering at the Grand River Rocks in Kitchener, ON, with other SE 2019 students
- Coordinated with other SE Game Reps on organizing a class competition event

**Software Engineering Ambassador**, Ontario Universities Fair, Toronto, ON

*September 2015*

- Answered questions from prospective high school students regarding Software Engineering and personal experiences
- Shared discussion efforts with different ambassadors and faculty members

**Logistics and Security Volunteer**, Tech Retreat 2015, Waterloo, ON

*August 2015*

- Provided security across the facility where the hackathon took place
- Collected garbage and managed food distribution at lunch and supper time

**Volunteer**, Canada Day Celebrations, University of Waterloo

*July 2015*

- Entertained children and families with some trivia on Canada
- Distributed paper passports and Mr Freeze ice pops as reward

**Volunteer**, EngSoc Goes to THEMUSEUM (UWaterloo), Kitchener, ON

*July 2015*

- Collaborated with children in two out of three science activities
- Ensured the safety of the visitors by clearing the area where an egg contraption would fall

## ACTIVITIES & INTERESTS



Video game player, own several games from Steam and GOG.com and some consoles including the Wii U



YouTube enthusiast for nine years