

Claire Chen

204-698-6795

chenx338@myumanitoba.ca

<https://github.com/caclairechen>

EDUCATION

Bachelor of Computer Science, Honours (Co-op)

University of Manitoba | GPA: 4.16/4.50 | Expected: December 2020

TECHNICAL SKILLS

Programming Languages: Java, C/C++, Python, JavaScript, PHP, HTML, SQL, C#

Tools and Technologies: Git, Android Studio, Visual Studio, VS Code, Xcode, Postman, Blender

Frameworks and Libraries: CodeceptJS, Node.js, Express.js, Laravel, React/React Native, PHPUnit

INDUSTRY EXPERIENCE

Junior Tools Programmer - Work Term III

6/2020 – 8/2020

Ubisoft

Winnipeg, MB

Tools Team modifies an intranet site and implements a platform to design game systems.

- Effectively collaborated with another studio to improve an internal project management site using C#.
- Designed and developed the prototype of a diagram web application incorporating an existing library.

Junior Tools Programmer - Work Term II

9/2019 – 12/2019

Ubisoft

Winnipeg, MB

Blender Voxelizer Team implements a new tool for an existing computer graphics software.

- Successfully operated between C++ and Python, delivering a working prototype in 3 months.
- Researched and implemented 3D algorithms, improving the calculation performance by over 10 times.
- Identified and solved technical difficulties when exporting to another volume storage open-source format.

Junior Developer - Work Term I

1/2019 – 4/2019

Bold Commerce

Winnipeg, MB

App Enhancement Team supports 13 apps providing various eCommerce solutions for online Shopify stores.

- Designed and developed automated tests for 3 apps, ensuring a stable and secure experience for users.
- Improved the Import System for Store Locator, saving daily workload of manually geolocating 6000 places.
- Implemented Export System in PHP and HTML, persisting export files online using Google Cloud Platform.

PROJECTS

GPAMotivator

Personal Project

A Python Command Line Interface keeps track of students' GPA and motivate them to achieve the goal.

Tripmate

Group Project

A project involves building a web server and client, and mobile applications aimed to be the one-stop shop for everything needed to plan the perfect trip.

Centurion

Group Project

An android mobile app built with Java, designed to assist users in management of their finances.

EXTRACURRICULAR

Mentor, Teens Learning Code

Intro to Browser Extensions

6/2019, 9/2018

Build a Multi-Page Website

4/2019

Mentor, Girls Learning Code

3/2019

Generative Art in Processing

Volunteer Judge, University of Manitoba

5/2019

Manitoba High School Computer Science Fair

Tutor, University of Manitoba

9/2018 – 12/2018

Introductory Computer Science