

Claire Chen

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EDUCATION

Bachelor of Computer Science, Honours (Co-op)
University of Manitoba | **GPA: 4.24/4.50** | Expected: December 2020

TECHNICAL SKILLS

Programming Languages

- Java
- C/C++
- Python
- JavaScript
- PHP
- HTML
- SQL

Tools and Technologies

- Git
- Android Studio
- Visual Studio
- Xcode
- Google Cloud Platform
- PhpStorm
- Blender

Frameworks and Libraries

- CodeceptJS
- Node.js
- Express.js
- Laravel
- React/React Native
- PHPUnit
- OpenVDB

INDUSTRY EXPERIENCE

Junior Tools Programmer - Work Term II

9/2019 – 12/2019

Ubisoft

Winnipeg, MB

Blender Voxelizer Team implements an Add-on for Blender converting polygon meshes to voxel meshes.

- 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 small project intended to motivate students to achieve their goal GPAs.

Tripmate

Ongoing Group Project

A project involves building a web server and client, and mobile applications for both Android and iOS, 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 2