

Herbert Ma

hma60@my.bcit.ca | 778.838.2900

<https://www.linkedin.com/in/herbertma>

<https://herbertmaa.github.io/>

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

C#, Java, JavaScript, HTML, CSS, SQL

OTHER

Microsoft SQL Server, MySQL, Android Studio, Figma, Unity Game Engine, Microsoft Office Suite, Tableau, Alteryx

FRAMEWORKS

React-Native, jQuery, NodeJS, Google Firebase, Amazon Web Services, IBM Cloudant, Bootstrap, Agora.IO, Git, Selenium, Trello

PROJECTS

React-Native Application | RenewMyCompass

July 2019 - Present

- Utilized Networking and Fetch Requests to Automate Tasks
- Implemented IOS / Android keychain to encrypt personal information
- *Tech Stack: JavaScript, React-Native, Networking using Fetch API*

Tower Defense Game | Ocean-Defenders

May 2019

- Led a team of four other members to plan, develop, test, and deploy a native and WebGL game.
- Implemented C# data structures and algorithms to parse leaderboard information.
- Built object-oriented classes for turrets, enemies, and projectiles.
- *Tech Stack: C#, Unity Game Engine, HTTPS WebRequests, Google Firebase API*

Web Application | SpaceShare

Jan 2019 – April 2019

- Developed a full-stack CRUD (create, read, update, and delete) web application
- Researched and integrated different APIs to create a modern web application
- *Tech Stack: JavaScript, AJAX, CSS, HTML, Bootstrap, Google Firebase API, Google Places API*

HACKATHONS

Seattle AngelHack

Jul 2019

- Created a native Android application using Android Studio that utilized IBM Cloudant for storing and retrieving critical emergency response information.
- Integrated hardware using Arduino to prototype Wi-Fi Direct capabilities between lost and injured victims of earthquake related disasters

Let's Hack YVR | 1st Place Prize

Mar 2019

- Designed and created UI / UX for a desktop and mobile web application aimed at assisting students / people find carpooling options
- Planned and developed using Scrum and Agile to quickly build a prototype within 8 hours

BC Game Jam | Hackathon 1st Place Prize

Feb 2019

- Awarded Blackbird Interactive Subtheme Winner and Offworld Industries Subtheme Winner
- Implemented key features and classes using C# and Unity. Utilized a stack data structure for the purpose of pooling expensive creation of in-game resources

EDUCATION

British Columbia Institute of Technology (CGPA: 94%)

Jan 2019 – Present

Computer Systems Technology Diploma

Simon Fraser University

Jun 2013 – Sep 2017

Bachelor of Business Administration Degree

Herbert Ma

hma60@my.bcit.ca | 778.838.2900

<https://www.linkedin.com/in/herbertma>

<https://herbertmaa.github.io/>

EMPLOYMENT EXPERIENCE

PricewaterhouseCoopers LLP

Tax Associate, Vancouver

Oct 2017 – Dec 2018

Co-op Associate, Calgary

Feb 2017 – May 2017

- Analyzed and discussed data analytics using **Alteryx and Tableau** related to financial results and internal efficiencies of our tax group
- Conceptualized complicated tax concepts to clients via tax consultations and coordinated day-to-day duties with over 30 corporate engagements and other global PwC offices

Lohn Caulder LLP

Jan 2015 – May 2015

Staff Accountant Co-op, Vancouver

- Collaborated with partners and colleagues to accurately plan and prepare investment income and trust returns
- Improved internal efficiencies by implementing an active work tracker to answer managers' questions about clients and engagements

VOLUNTEER & LEADERSHIP EXPERIENCE

Event Coordinator

Oct 2017 – Dec 2018

GLEE (Gay, Lesbian, and Everyone Else) @ PwC

- Spearheaded PwC's open, inclusive, and welcoming culture by organizing social events for existing employees and potential candidates outside of normal working hours
- Networked with potential candidates and promoted corporate values through company sponsored social events

Volunteer Coordinator

Sep 2017 – Dec 2017

United Way of Lower Mainland

- Headed tax group deployment of volunteers for company volunteer events at the United Way food bank
- Planned and promoted fundraising events for United Way during the Halloween and Christmas season

Project Manager

Jan 2014 – Feb 2015

Accounting Student Association (Simon Fraser University)

- Promoted student engagement within the accounting department through hosting and presenting in networking events with attendances of over 40+ students
- Marketed and promoted events to classes of over 150+ students, which increased student turnout by 30 percent

ACTIVITIES & INTERESTS

- Robotics / Arduino circuits
- Kayaking, hiking, jogging, and crabbing
- Paintball and laser tag
- Painting and other small/medium-sized home renovation projects