

HERBERT MA

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

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

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

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

SOFTWARE

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

OTHERS / FRAMEWORKS

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

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

- Collaborated with four other team members to plan, develop, test and deploy a minimum viable product hosted online through WebGL and available for download. The game aims to teach kids about the environmental impacts of improper waste management. <https://ocean-defenders.firebaseio.com/>
- Tech Stack: C#, Unity Game Engine, Google Firebase Rest API*

Web Application | SpaceShare

Jan 2019 – April 2019

- Developed a full-stack web application that aims to reduce the need for storage facilities
- Tech Stack: JavaScript, AJAX, CSS, HTML, Bootstrap, Google Firebase, 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
- Learned and practiced multiple development processes including **Scrum and Agile** to quickly build a prototype within 8 hours

BC Game Jam | Hackathon 1st Place Prize

Feb 2019

- Developed and pitched Sunseekers, an expansive exploration game within 48 hours
- Implemented classes and methods using **C#** and **Unity** that utilized a stack data structure for the purpose of pooling expensive creation of in-game resources, which resulted in a significant performance increase in the game

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, Accounting

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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 a active work tracker to answer managers' questions about clients and engagements

Cuchillo Restaurant

Nov 2013 – Feb 2015

Payroll Manager & Bookkeeper, Vancouver

- Supported management objectives by preparing and presenting monthly profit and loss statements to owners and other stakeholders
- Processed accounts payable and accounts receivable invoices and calculated quarterly GST and monthly PST returns accurately to maximize input tax credits and discounts

VOLUNTEER & LEADERSHIP EXPERIENCE

Event Coordinator (Volunteer: 2 hours/week)

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 (Volunteer: 2 hours/week)

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 (Volunteer: 2-5 hours/week)

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 home renovation projects