

Sebastien Wong

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EDUCATION

University of Calgary

B.S. in Computer Science / Concentration in Human-Computer Interaction

Sep 2017 - May 2022

- GPA: 3.8/4.0, Dean's List (2017 - 2019)
- Relevant Coursework: Data Structures and Algorithms, Intro to Software Engineering, Networks, Operating Systems, Artificial Intelligence, Computer Graphics, Human-Computer Interaction

WORK EXPERIENCE

Terrasoft

Software Developer Intern

Calgary, Alberta

May 2021 – Aug 2021

- Upgraded legacy **Java** and **SQL** code, while maintaining functionality and constantly QA testing.
- Redesigned the system's **JSP** front-end to be responsive and more aesthetically pleasing.

NUTV

Associate Producer

Calgary, Alberta

Sep 2020 – May 2021

- Managed cast and crew, as well as wrote, directed and acted for a sketch comedy show.

Critical Mass

Software Developer Intern

Calgary, Alberta

May 2018 – Aug 2018

- Successfully designed and built a full stack TV content management system using **Vue.js**, **Node.js**, and **Google Cloud Firestore** with a team of developers.
- With a team of interns, created and pitched a marketing campaign for a client to revitalize their brand for future generations.

PROJECTS

CPSC 581 Portfolio: <https://sebwong-portfolio.herokuapp.com>

Work Portfolio (Node.js/Express, ScrollMagic, GSAP)

- A portfolio showcasing my work for my Human Computer Interaction course.
- Designed and coded from scratch using **ScrollMagic** and **GSAP**.

Circuitron: https://github.com/TSkaalrud/585_CircuiTron

School Project (C++, PhysX)

- A group project racing game created for my Games Programming course.
- Designed and implemented an entity system from scratch, as well as AI and physics mechanics.

Chameleon: <https://github.com/sebastienwong/Chameleon>

Personal Project (React, Node.js/Express, Socket.js)

- A web app port of the board game The Chameleon that supports simultaneous game rooms.
- Uses a **React** front-end, a **Node/Express** backend, and **Socket.js** for websockets.

SKILLS

Languages Java, JavaScript, HTML, CSS, C++, Python, PHP, MySQL

Other Git, Unix/Linux, React, Node.js, Express, JQuery

ACCOMPLISHMENTS

- Earned distinction in the Senior Canadian Computing Competition, placing in the top 25% in Canada
- Received the Alexander Rutherford Scholarship, Paul Robertson Scholarship and the University of Calgary Undergraduate Merit Award