

OLIVER TONNESEN

Fourth year Computer Science and Mathematics student at the University of Victoria.

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EDUCATION

University of Victoria

B.Sc. Combined Major Computer Science & Mathematics

September 2017–Present

GPA: 4.0

Edward Milne Community School

Graduated in the French Immersion program with Honours.

September 2013–June 2017

GPA: 4.0

PROJECTS

Compiler – CSC 435: Compiler Construction

Currently in the process of writing a compiler for a simple programming language.

Spring 2020

Technologies: Java, ANTLR3

Battlesnake – Programming Competition

Implemented snake HTTP server to compete in the Battlesnake competition.

Spring 2019

Technologies: Python, AWS (EC2)

Unix-style filesystem – Filesystem

Implemented a filesystem for a 2MB virtual disk. Supports creating/deleting, reading/writing, renaming, and seeking in files and directories.

Spring 2019

Technologies: C

Tic-Tac-Toe – Web App

Collaborated with a classmate to create a real-time, interactive web-based implementation of tic-tac-toe. The server can run multiple games simultaneously.

Spring 2019

Technologies: Go, JavaScript

HackUVic – Hackathon

A small web app created in first year for the HackUVic hackathon. Features include: web front end, server back end, database integration, and user authentication (salting/hashing passwords).

Spring 2018

Technologies: Python, JavaScript, PostgreSQL

EMPLOYMENT

McDonald's

Team Leader

March 2015–Present

Sooke, BC

TECHNICAL STRENGTHS

Languages

Go, Python, C, POSIX Shell, JavaScript, SQL

Tools

Linux, Git, Vim, LaTeX