

Tudor Stoiu

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EDUCATION

Simon Fraser University

2020 – 2025 (expected)

B.Sc. Computer Science

CGPA: 3.7/4.0

Relevant Coursework:

- CMPT 225 Data Structures and Programming
- CMPT 295 Computer Systems

SKILLS

Languages/Tools: (Most-Least Proficient) Python, C/C++, Git & GitHub, HTML, CSS, JavaScript

General: Organization, Passion to perform, Clear verbal & written communication, Attention to detail, Motivated, Time management, Adaptability

WORK EXPERIENCE

Payment Source

Port Moody, BC

Web Developer Intern

Apr 2019

- Modified, updated, and tested web pages from 4 alternative payment service websites: Zenwallet, Topmeup, Paysimply, eCash
- Collaborated with a team of software developers to solve problems and complete tasks
- Organized and analyzed feedback data with Google Sheets

TECHNICAL PROJECT EXPERIENCE

Data Structures

CMPT 225: Introduction to Data Structures and Programming Course Work

May 2021 – Aug 2021

- Implemented abstract data types using data structures including: Stacks, Queues, BSTs, Red-black trees, and Hash tables in C++
- Tested program functionality by creating and executing test cases which helped me achieve a final grade of A+ in the course

Space Invaders Game

Python Personal Project

Dec 2020

- Developed an arcade style game using Python with the PyGame library

ML Prediction of Bike Rentals

CMPT 120: Introduction to Computing Science and Programming Final Project

Nov 2020 – Dec 2020

- Implemented a linear regression machine learning model for prediction based on Seoul bike rental usage data

Physics Calculator

Science Fair Collaborative Project

Apr 2019

- Collaborated with a partner to create a Thermodynamics physics calculator
- Implemented formulae to calculate any unknowns if given enough data using Python