



VICTOR CHEN

Year 2 - Computer Science Major

victor.chen@alumni.ubc.ca | (778) 996 7136 |  chenvictor |  cvic

EDUCATION

University of British Columbia

Bachelor of Science

Department of Computer Science

2017 - 2021 (Expected)

Cumulative Average: 91.9%






Scholarships

Trek Excellence Scholarship for Continuing Students

2018

Charles and Jane Banks Scholarship

TECHNICAL SKILLS

 Languages	Java, C/C++, JavaScript, Python, Bash
 Web	HTML5, CSS, Bootstrap 4, Node.js
 Frameworks	Android, JavaFX, ncurses
 Tools	Git, LaTeX, Vim
 Testing	JUnit, GDB, Valgrind

PERSONAL PROJECTS

WallpaperManager

An Android app for wallpaper customization

WallpaperManager 

Oct 2018 - Present

- Used the Glide image library for smooth image loading and better performance.
- Used services, broadcast receivers, and event handlers to change wallpapers based on time intervals as well as user input to the screen.
- Created an optional persistent notification to allow for wallpaper control even on the lock screen.
- Implemented multiple custom transition animations between wallpapers for aesthetic effect.

Boolean Calculator

A proof and simplification calculator for boolean logic

boolean-calculator 

May - Jul 2018

- Used generative recursion to perform logical inference proofs as well as statement simplifications in a step-by-step fashion.
- Used Bootstrap 4, CSS, and JavaScript to implement custom inputs for logical statements.
- Implemented URL query variables to allow users to share inputs easily.

WORK EXPERIENCE

Undergraduate Teaching Assistant

CPSC 213: Introduction to Computer Systems, CPSC 221: Basic Algorithms and Data Structures

Jan 2019 - Present

- Held office hours to assist students with weekly assignments and understanding of course materials.
- Designed and implemented a C++ command-line interface program to facilitate grading.
- Integrated reveal-js framework with the course website to streamline creation of course lecture slides.
- Extended reveal-js annotation plugin to allow for different color pens.

HOBBIES & INTERESTS

Competitive Programming | Computer Security | Math Competitions | Badminton | Ping Pong