VINCENT YI HUI CHEN

Email: yhc10@sfu.ca   Phone: 236-868-0033

ABOUT ME

Languages	C/C++, Python, Java, SQL, MIPS, HTML, CSS, JavaScript, Latex
Tools	Git, Bash, LLVM, Cmake
Plateforms	Windows, Linux, Eclipse, Xilinx ISE, VS Code
Others	Agile methodology

PROJECT EXPERIENCE

Personal Website(Under Development)   April 2021 – Present

HTML, CSS, JavaScript

- url: https://yhc-personal-website.herokuapp.com/
- Repository: https://github.com/cvincentc/personal-website

Photo Processing Application   Feb 2021 – March 2021

An application that can decode tiff images and generate different visual effects
Java, Java Swing

- Designed application with OOP concepts and user friendly GUI
- Implemented functions to decode tiff format images
- Coded visual effect functions for gray scale, ordered dithering and dynamic range adjustment
- Repository: https://github.com/cvincentc/ImageProcessing

Library Management System   Feb 2020 – July 2020

An application to manage book items, user accounts and transaction records
C, Top-down design, GUI framework

- Responsible of application design and implementation for both front-end and back-end
- Application is user friendly and provides over 20 features

CSV to JSON Converter   Feb 2020 – July 2020

An efficient program to convert CSV files to JSON files using an open source framework
C++, Git, Linux, Parabix Framework, CMake, LLVM, Open Source

- Collaborated in a team of 3 and implemented majority of the program at each stage of development cycle
- Program capable of converting files 2.5 to 4 times faster than ordinary converting methods
- Repository: https://cs-git-research.cs.surrey.sfu.ca/cameron/parabix-devel/-/tree/beta-csv

OTHERS

SFU CSSS Mountain Madness Hackathon   Feb 13 2021 – Feb 14 2021

An interactive playground where users can learn sorting algorithms in visual manner
JavaScript, HTML, Python

- Collaborated with three other members and effectively designed and implemented the website
- Repository: https://bitbucket.org/holychicken99/proj_main/src/master/

EDUCATION

Simon Fraser University/ZheJiang University   2018–Present

- Dual-degree program in Computer Science and Computer Engineering
- B.Sc with SFU and B.Eng with ZJU

Vancouver Community College   Sept 2017–June 2018

- Full-time University Transfer Program
- Earned assured transfer to SFU with outstanding academic performance