

Kyle Jang



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SKILLS

Java

Python

C

JavaScript

JQuery

HTML

CSS

Git

SQL

JUnit Testing

LaTeX

Software design
patterns

Program optimization
and correctness

Data structures

Scrum

EDUCATION

Computer Science Major, Statistics Minor, Sociology Minor
University of Toronto

2017 – Present

PERSONAL PROJECTS

Custom Shortcuts Chrome Extension (May 2019)

- Created a Google Chrome Extension that allows users to add their desired website URLs to different keyboard shortcuts

Personal Notepad (July 2019)

- Created an application using HTML, CSS, and JavaScript that allows users to edit, delete, and personalize the color of each note they create

Recipe Finder (August 2019)

- Created an application using HTML, CSS, and JavaScript that uses the Edamam Recipe Search API to look up different recipes for specified foods

SCHOOL PROJECTS

Client-Server Application (April 2019)

- Created a server program that is coded in C which allows a client to connect and run jobs
- Implemented a server protocol that runs or terminates jobs based on given commands from a client
- Protected the server against fork bombs and buffer overflows

Paint Program (December 2018)

- Created a drawing program using Java that included a save, undo, and redo feature
- Implemented Command, Factory, and Strategy design patterns to make code flexible and maintainable
- Worked in a team of four using Git and followed Scrum procedures

Tower of Hanoi Puzzle (February 2018)

- Created a Python program that lets users play a modified Tower of Hanoi Puzzle by interacting with a GUI
- Coded the program using Model-View-Controller architecture

Bombsweeper Game (March 2019)

- Created a Python game based on Minesweeper using pygame
- Worked in a team of six people using Git