Kyle Jang

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EDUCATION

University of Toronto
Computer Science Major, Statistics Minor, Sociology Minor (2017-present)

RECENT + CURRENT COURSES

- Software Design
- Data Structures and Analysis
- Software Tools and Systems Programming
- Principles of Programming Languages
- Introduction to Databases
- Communication skills for Computer Scientists

SKILLS

- Java, Python, C, JavaScript/jQuery, HTML, CSS
- GIT, Eclipse, Junit Testing, LaTeX
- Software design patterns
- Program optimization and correctness
- Data structures
- Waterfall and Scrum methodology

PERSONAL PROJECTS

Custom Shortcuts Chrome Extension (May 2019) - a Google Chrome extension that allows users to add their desired website URLs to different keyboard shortcuts.

Personal Notepad (July 2019) – an application that allows users to edit, delete, and personalize the color of each note they add.

Recipe Finder (August 2019) – an application that uses the Edamam Recipe Search API to look up four different recipes for specified foods.

SCHOOL PROJECTS

Client-Server Application (April 2019) – 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) - a Java program that allows users to draw on a canvas and create different shapes.
- Implemented Command, Factory and Strategy design patterns to make code flexible and maintainable
- Worked in a team of 4 using GIT and followed scrum procedures

Tower of Hanoi Puzzle (February 2018) – a Python program that lets users play the Tower of Hanoi Puzzle by interacting with a GUI.
- Coded program using Model-View-Controller architecture