Derek Jang

PERSONAL PROJECTS

RemindMeTo Chrome Extension (July 2019)
- Coded in JavaScript and HTML.
- Reminds user of what they input in the minutes that they set in the windows notification tray.

Recipe-Finder Application (August 2019)
- Coded using JavaScript, HTML, CSS, and a recipe API.
- Displays a list of known recipes for the ingredients inputted into the app.

SCHOOL PROJECTS

Paint Program (December 2018)
- Developed using Java, Git, Scrum, and GUI in a group of four students.
- The app creates a canvas where users can draw different shapes or lines with their mouse.
- Employed file parsing to open and save paint program files and utilized Command, Strategy, and Factory design patterns.

Client-Server Application (April 2019)
- Coded in C.
- Client can connect and run jobs.
- Server protocol: runs or terminates jobs based on given client commands.
- Protects against fork bombs and buffer overflows on the server.

Tower of Hanoi Game (February 2018)
- Developed using Python and GUI while applying the Model-View-Controller architecture.
- Users play a modified Tower of Hanoi puzzle game.

Sudoku290 Game (March 2019)
- Developed using Java and Git with a team of six students.
- Allows users to play a Sudoku game.

CONTACT

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SOFT SKILLS

Communication

Teamwork

Work Ethic

HARD SKILLS

Java, JavaScript, Python, C, HTML, CSS, SQL, Software Design, Code Optimization and Correctness, LaTeX, Git, JUnit Testing, Scrum, Regex, Data Structures, Finite State Machines

EDUCATION

University of Toronto
Computer Science Major, Statistics Minor, Sociology Minor
September 2017 – present