

Derek Jang

PERSONAL PROJECTS

RemindMeTo Chrome Extension (July 2019)

- Coded in JavaScript and HTML.
- Utilized Chrome notification API to notify users in the Windows notification panel.
- 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, and CSS.
- Used a recipe API to retrieve different recipes.
- Displays a list of known recipes for the ingredients inputted into the app.

SCHOOL PROJECTS

Paint Program (December 2018)

- Developed using Java in a group of four students.
- Used Git for version-control and Scrum for project management.
- Applied Object Oriented Programming and utilized Command, Strategy, and Factory design patterns.
- Used GUI to create a canvas where users can draw different shapes or lines with their mouse.
- Employed file parsing to open and save paint program files.

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.
- Utilized GUI to allow users to interact with visual components of the game while applying the Model-View-Controller architecture.
- Users play a modified Tower of Hanoi puzzle game.

Sudoku290 Game (March 2019)

- Developed using Java in a team of six students
- Used Git for version-control.
- 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, MySQL, LaTeX,

Git, JUnit Testing, Scrum

EDUCATION

University of Toronto

Computer Science Major,

Statistics Minor,

Sociology Minor

September 2017 –

present