Derek Jang

COURSEWORK

Software Tools and Systems; Software Design; Software Tools and Systems Programming; Data Structures and Analysis; Communication Skills for Computer Scientists

PERSONAL PROJECTS

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

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

SCHOOL PROJECTS

Paint Program (December 2018)
- Java, Git, Scrum, GUI
- Creates a canvas where users can draw with their mouse
- Employed file parsing to open and save paint program files
- Command, Strategy, and Factory design patterns
- Worked in a group of four students

Client-Server Application (April 2019)
- C
- Client can connect and run jobs
- Server protocol: runs or terminates jobs based on given client commands
- Fork bombs and buffer overflows on server is protected

Tower of Hanoi Game (February 2018)
- Python, GUI
- Is a modified Tower of Hanoi puzzle game
- Applied Mode-View-Controller architecture

Sudoku290 Game (March 2019)
- Java, Git
- Modified Sudoku game
- Worked in a team of six students

CONTACT

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SOFT SKILLS

Communication

Teamwork

Work Ethic

HARD SKILLS

Java, JavaScript, Python, C, HTML, CSS, Software Design Patterns, Code Optimization and Correctness, Latex, Git, Junit Testing, Scrum, Regex, Priority Queues, Finite State Machines

EDUCATION

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