Derek Jang

WORK EXPERIENCE

Software Engineering Intern at AMD (May 2020 – April 2021)
- As part of the Client GFX team, I participated in:
    - Functional, negative, customer/end user, performance, and reliability/usability testing of PC configurations.
    - System (PC) configuration and management (Windows)

PERSONAL PROJECTS

Workout Journal (December 2020)
- Coded in React Native.
- Used Git for version control.
- Helped Develop the Add Log button, Progress screen, and Timer screen.

RemindMeTo Chrome Extension (July 2019)
- Coded in JavaScript and HTML.
- Utilized Chrome notification API to notify users in the Windows notification panel.
- Reminds the user of what they input in the minutes that they set.

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 inputted ingredients.

SCHOOL PROJECTS

Online Assessment Application (April 2020)
- Developed using Node.js, React.js, and MongoDB.
- Used Git for version control and Scrum for project management.
- Includes a course list, attendance, and quiz feature for students and teachers.

Paint Program (December 2018)
- Developed using Java.
- 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.

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.

CONTACT

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SOFT SKILLS

- Communication
- Teamwork
- Work Ethic

HARD SKILLS

Java, JavaScript, Python, C, HTML, CSS, Jira, Git, JUnit Testing, React Native

EDUCATION

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