

Derek Jang

WORK EXPERIENCE

Software Engineering Intern at AMD (May 2020 – April 2021)

- Engaged in functional, negative, customer/end user, performance, and reliability/usability testing of PC configurations.
- Configured and managed systems (Windows).
- Developed a bot using Python, OCR, and Object Detection to automate Call of Duty: Black Ops Cold War matches that will eliminate manual extended gameplay testing and increase team efficiency.

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

Email:

drkjng54@gmail.com

Phone:

Cell: (647) 627-6377

Telephone: (905) 887-8561

Address:

73 Crawford Street

Markham ON L6C 2M3

Website:

<https://derek-s-jang.github.io/>



SOFT SKILLS

- Communication
- Teamwork
- Work Ethic



HARD SKILLS

Java, JavaScript, Python, C,
HTML, CSS, Jira, Git, React
Native, Node.js, React.js



EDUCATION

University of Toronto

September 2017 – present

- Computer Science Major
- Statistics Minor
- Sociology Minor