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Canada

D E R E K J A N G

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EMPLOYMENT

Software Engineer, Intern   **AMD**   **May 2020 – Present**
- Developed a bot that automates Call of Duty matches which will increase testing bandwidth by 2 hours or more; utilized Python, Tesseract, and OpenCV.
- Engaged in functional, negative, end user, performance, and reliability testing of the Ryzen 5000 Mobile Processors.
- Configured and managed Windows systems.

EDUCATION

Major: Computer Science
Minor: Statistics   **University of Toronto**   **September 2017 – Present**
- Coursework: Software Design; Data Structures and Analysis; Software Tools and Systems Programming; Principles of Programming Languages; Communication skills for Computer Scientists

PERSONAL SOFTWARE PROJECTS

Workout Journal
- Helped develop the Add Log button, Progress screen, and Timer screen for a workout journal application.
- Used Git for version control.
- Coded in React Native.

RemindMeTo Chrome Extension
- Developed a chrome extension that reminds the user of what they input in the minutes they set.
- Utilized Chrome notification API to notify users in the Windows notification panel.
- Coded in JavaScript and HTML.

Recipe-Finder Application
- Developed an application that displays a list of known recipes for the inputted ingredients.
- Utilized Edamam API to retrieve different recipes.
- Coded in JavaScript, HTML, and CSS.

SCHOOL SOFTWARE PROJECTS

Online Assessment Application
- Developed an assessment app that includes a course list, attendance, and quiz feature for students and teachers.
- Used Git for version control and Scrum for project management.
- Utilized JavaScript, Node.js, React.js, and MongoDB.

Paint Program
- Developed a paint program that creates a canvas where users can draw different shapes with their mouse.
- Utilized OOP, GUI, and design patterns such as: Command, Strategy, and Factory.
- Employed file parsing to open and save paint program files.
- Used Git for version control and Scrum for project management.
- Coded in Java.

Tower of Hanoi Game
- Created a game that allow users to play a modified version of Tower of Hanoi.
- Utilized GUI while applying the Model-View-Controller architecture.
- Coded in Python.

Skills
- Python; C; Java; JavaScript; HTML; CSS; React Native; Node.js; React.js; Jira; Git