Daniel Zhang

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About Me

Determined 3rd year Computer Science student looking to leave a positive impact on this world. Superb communication alongside a positive attitude ensures any given task will get done in a fashionable manner, while maintaining a positive team atmosphere.

Languages

GENERAL	Java · Python · C
WEB	HTML / CSS / JS · NodeJS · Angular · React

Work Experiences

Skatescribe Corporation *Markham, ON*

FULL STACK DEVELOPER *May 2021 – Aug 2021*

- Developed using Angular, Electron, and Docker a desktop app capable of performing various automated skate sharpening operations with the click of a button, as well as track the statuses of the services/machines being used
- Implemented a tool tracking system using Python, Flask and PostgreSQL, removing the need for operators to track the lifespan of tools, as well as automating the process of tool insertion and removal
- Improved existing communication between the services in the app, allowing operators to tell the status of an operation as well as new safety features, further reducing the number of things an operator needs to be aware of

Projects

EasyApply

- Developed job search web app using MERN stack (MongoDB, Express, React, Node), where users can create a job profile and apply for listed jobs with the click of a button.
- Implemented RESTful APIs to support user needs and provide an enjoyable experience when searching and filtering for desired jobs

Asteroids

- Used Java and object-oriented design to recreate Asteroids™ along with new additional features for more dynamic gameplay
- Increased experience and understanding of Agile development cycle through constant cycle of feedback, planning, design, implementation, and testing
- Smoother gameplay produced through the continuous cycle of testing and troubleshooting software for bugs and unintended gameplay

Education

University of Toronto *Toronto, ON*

HONOURS BACHELOR OF SCIENCE *Sept 2019 - Present*

Specialist in Software Engineering, 3rd year — CGPA: 3.61 / 4