

Daniel Lee

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EDUCATION

SIMON FRASER UNIVERSITY

BASC IN COMPUTER SCIENCE

Expected Sep 2020 | Vancouver, BC
Canada

LINKS

Github:// [danlee0528](#)

LinkedIn:// [danlee0528](#)

SKILLS

PROGRAMMING

- Bash/Shell
- Node.js, React
- MySQL, MongoDB, NRQL

TOOLS

- Git
- Atlassian
- SumoLogic
- New Relic
- Ansible

ENVIRONMENT

- Windows
- Linux/Ubuntu
- Android
- MacOS
- Agile/Scrum
- Kanban

INTERESTS

- Application Development
- Full-stack Web Development
- Robotics / Automation
- Data Analysis

HOBBIES

- Playing sports
- Photography
- Music composition
- Playing musical instruments

EXPERIENCE

CANADIAN TIRE CORPORATION | DEVOPS SUPPORT ANALYST

Sep 2018 – Apr 2019 | Calgary, AB Canada

- Developed a breaching alert to automate team license monitoring process which rectified the dilatory control of team license overages
- Wrote regex queries, which looked for specific search patterns in raw data, to analyze the business performance and internal applications with dashboards and alerts
- Assisted developers testing automation scripts and conducted user acceptance testing before deploying them into the product environment

ACADEMIC PROJECTS

AI TIC-TAC-TOE | PYTHON3

Jan 2019 – Apr 2019

- Developed an AI system that adapts pure Monte Carlo Tree Search to make all its moves against a human player

AIRLINE DATABASE SYSTEM | JAVA

Jan 2018 – Apr 2018

- Built a database on MS SQL using given schemas, triggers, constraints to ensure accuracy and robustness of the database system
- Utilized JDBC, a java API to connect and execute the query with the database, alongside Java Swing to provide a user interface for easier use of the database system

BOUNDED-BUFFER PROBLEM | C

Sep 2017 – Dec 2017

- Executed POSIX threads library to create threads and apply semaphore and mutex to avoid deadlocks

PERSONAL PROJECTS

REACT APPLICATION | HTML5, CSS3, JAVASCRIPT

May 2019

- Coming soon...

PERSONAL WEBSITE | HTML5, CSS3, JAVASCRIPT

Apr 2019

- Developed a static responsive website using Bootstrap4

NUMBER BASEBALL GUESSING GAME | C++

Jan 2016

- Developed a Maternmind game with a twist of baseball game rules where conditions to users' guesses are given in form of strike, ball and out.