

# DANIEL LEE

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## TECHNICAL SKILLS

- Python, Java, C/C++, C#, HTML5/CSS3, JavaScript, JQuery, AJAX, Node.js, Bootstrap4, React, Django, MongoDB, MySQL, MS SQL, NRQL
- Git, Atlassian, Vagrant, Sumo Logic, New Relic, Junit, Bash/Shell, Ansible, Jupyter, Android Studio, PyCharm, Eclipse, VS Code, Visual Studio, ATOM
- Learning: PHP, Azure, AWS, Kubernetes, Docker

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## TECHNICAL WORK EXPERIENCE

**DevOps Support Analyst Co-op**, Canadian Tire Corporation, Calgary Sep 2018 – Apr 2019

- Developed a license breaching alert to rectify team's dilatory controls of license overages by investing histories of spikes and analyzing logs
- Implemented regex queries to increase the accuracy of log pattern searching
- Assisted developers debugging scripts and performed user acceptance testing to assure optimal product qualities before deploying to the production environment
- Contributed to mini projects such as KPI reports and QA/testing, proposed dashboards and alerts standardization program to meet the growing demand of the service of the team
- Train an intern on the use of various internal tools and New Relic REST API calls

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## PERSONAL PROJECTS

**Iris Species Classifier** Jan 2020

- A self-guided machine learning project whose objective was to classify iris plants in a database into three species and predict a species for a given pair of width and length, written in Python
- Prepared, visualized and interpreted data to find meaningful features to build a binary classifier using Matplotlib, Seaborn, Numpy and Pandas libraries
- Compared the performance of different classification algorithms such as Logistic Regression, Softmax Regression, SVN, KNN and Decision Tree using scikit-learn library

**Personal Website** Sep 2019

- Created a static website to showcase projects and work experience in HTML5, CSS3 and JavaScript
- Implemented the UI and mobile-first responsiveness of the website using Bootstrap4 framework
- Adapted third-party libraries for custom features and animations on the website

**Airline Database System** Jan – Apr 2018

- Built a MS SQL database using given schemas, triggers, constraints to ensure accuracy and robustness of the database system
- Created a graphic user interface for users to create user profile, book flight and search flight schedules using Java Swing
- Implemented JDBC to connect to database and execute user queries from the interface

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## AWARDS & ACHIEVEMENTS

- New Relic Performance Pro 2019
- Sumo Logic Power Admin (Level 1, 2, 3) 2019

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## EDUCATION

**Bachelor of Applied Science - Major in Computer Science** Sep 2016 – Sep 2020  
**Simon Fraser University, Vancouver BC Canada**