

Diaa Ali

604-339-9341 | diaaeldin.ali@email.kpu.ca | www.linkedin.com/in/diaaali | <https://github.com/DiaaAli707>

Education

Kwantlen Polytechnic University

Bachelor of Technology with specialization in mobile and web application development – 4.06 GPA

Sep. 2015 – Dec. 2019

Technical Skills

Languages / Tools	Proficient With: Python · Java Previous experience with: JavaScript · PHP · HTML5 · CSS Git
Data Science / ML	Scikit-learn · Pandas · NumPy · Seaborn · Data cleaning, manipulation, analysis & visualization
Databases	MySQL · PostgreSQL
Platforms / Frameworks	AWS · React Native · Tableau Prep & Desktop · Firebase · Chalice

Work Experience

Delta Police Department

Delta, B.C.

Junior Network Administrator - Internship

May. 2017 – Sept. 2017

- Configured and deployed a department wide in-house ejabberd chat server on Linux to allow officers to quickly share information about cases.
- Enhanced and maintained network and data security by setting up firewalls, honeypots, and DNS filters to block unwanted network traffic.
- Reviewed server logs daily to ensure no suspicious activity occurred and monitored the in-house network map to determine disconnected devices and proactively resolve issues before users reported them.

Projects

Comparative Analysis of Machine Learning Classification Algorithms (PYTHON - PANDAS - SCIKIT)

Research Project

Sept. 2019 – Dec. 2019

- Participated and completed the 'Digit Recognizer' Kaggle challenge in order to compare the accuracy and differences between Random Forest, Logistic Regression and Decision Trees.

Cooking Recipes Web-Application (AWS - PYTHON - PHP -MySQL - HTML5 - CSS)

Cook-Warehouse

Jan. 2019 – Apr. 2019

- Collaborated with 3 classmates to develop a web-application that provides users with cooking recipes based on their available ingredients.
- Built a serverless REST API using AWS's Lambda functions to process user requests. Utilized S3 to store static assets, RDS MySQL to store recipes data and deployed the application using Elastic Beanstalk.
- Designed the application's UI and used HTML5/CSS/PHP to assist in the front-end development.

Interactive Map & News Mobile Application (REACT NATIVE - FOURSQUARE API - NEWS API)

Justice

Jan. 2019 – Apr. 2019

- Utilized React Native, FourSquare and News APIs to build an interactive map application to simulate reporting crimes and provide users with information and news about the latest crimes in their neighborhood.

Personal-Development Android Application (JAVA - FIREBASE)

Laws of Development

Sept. 2018 – Dec. 2018

- Developed an application that provides short and relevant personal-development articles to users. Experimented with two different UIs: swipeable cards, and List Design and conducted usability testing to determine the better design.
- Used Firebase to handle user authentication, database and storage needs.