

Vafa Dehghan

vafa@dehghan.ca – (778) 858 0401 – Vancouver, BC – www.dehghan.ca
github.com/vafadehghan

EDUCATION

Simon Fraser University

BS Computer Science

September 2018 – May 2021

Burnaby, BC

- GPA: 3.42
- Dean's Honour Roll for 2 out of 6 terms.

British Columbia Institute of Technology

Computer Systems Technology

September 2016 – June 2018

Burnaby, BC

- GPA: 3.2
-

WORK EXPERIENCE

Capilano Audi

Freelance Developer

May 2019 - August 2019

North Vancouver, BC

- Developed an Android application to make the process of creating used vehicle reports easier.
 - The Android application communicates with a Node.js REST API housed within Audi's internal servers to generate, save, and display PDF versions of the report.
 - Use of this new workflow allows for more organization and time saved as the reports can now be searched for digitally instead of physically.
 - The application is projected to save over 3,000 physical report pages over 5 years in an effort to go paperless.
-

PROJECTS

BioMap

Android Studio, Java, Bluetooth, Arduino
Developed an Android application that connects, using Bluetooth, to a wheelchair seat cover. The application will notify the user if they need to shift their body to offset pressure sores.

Translink Bus Times

Fitbit SDK, Javascript
Designed and Developed an application for Fitbit smartwatches that communicates with the Translink API to display upcoming busses for nearby bus stops.

SelfEstate

JavaScript, Node.js, Express, Firebase Database (NoSQL), REST API
Worked on the backend of a real estate project to develop the API using the Express framework. The API would connect to the Firebase database to post, update, and view listings.

Find My Friends Clone

Android, Javascript, Google Maps API, Java
An Android application that sends the connected users' location data to the server to be displayed using the Google Maps API.

Walking Data Analyzer

Python, NumPy, Pandas, scikit-learn
A Python project that receives a phone's accelerometer data and attempts to classify the person walking as well as the phone's position.

LANGUAGES & TECHNOLOGIES

- Proficient: Java, Python, Javascript, Node.js, C++, C, HTML/CSS, SQL
- Frameworks/Tools/Libraries: Android Studio, git/Github, Bootstrap, Firebase, Express.js