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# Param Dhaliwal

## Software Engineer

Surrey, BC V4N6G4

(778) 840-6000

<https://www.paramdhaliwal.com/>

<https://github.com/ParamDhaliwal>

## SKILLS

- Programming Languages: Java, C, C++, Python
- Operating Systems Environment: Windows, UNIX/Linux
- Relational Databases (SQL): MS SQL Server, MySQL, NoSQL
- Web Development: HTML, CSS, PHP, JavaScript, NodeJS, ReactJS
- Services: Salesforce, Slack, Jenkins, Splunk, Figma, GitHub, Trello, MS Teams

## EXPERIENCE,

### **BCIT Student Association, Burnaby BC** – *Councilor, Clubs Executive Member*

September 2019 – Present

- Providing directions to the BCITSA members in the issues relating to instructors, access to administration, and access to Executives.

### **Real Canadian Superstore, Surrey BC** – *Stocker*

May 2017 – August 2017

- Responsible for receiving, recording, and replenishing stock in a warehouse.
- Inspected received goods, interacted with managers, while overseeing stocks.

### **De Elegance Drycleaners, Surrey BC** – *Web developer and Assistant Manager*

November 2010 – July 2014

- Implemented office procedures while supervising customers and their database.
- Developed a high-impact website for customer use and advertising.

## EDUCATION

### **British Columbia Institute of Technology, Burnaby BC** – *Diploma Graduate*

January 2016 – June 2019

Computer Systems Technology (CST) - Combined computer systems theory with hands-on practical experience in software development. Have learned software engineering and programming from industry professionals, and gained experience working on real projects, from concept to deployment. Applied logical, critical, and creative thinking to synthesize solutions to computing and IT problems.

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## **British Columbia Institute of Technology, Burnaby BC** – *Bachelor's Degree*

September 2019 – November 2021

Network Security Applications Development - Understanding the role of security applications, both as exploit and penetration testing tools in networks. Experiencing in-depth skills using the Berkeley socket API, and the design of the implementation of advanced IPv4/IPv6 Client/Server applications.

## **PROJECTS**

### **Happy Hour** – *Personal Project*

August 2021 - Present

- Introducing an application for mobile users to help finding happy hour deals based on their current location.
- The development for this project is taking place in Android Studio using Java and Realtime Firebase Service.

### **Real Estate Talk (RET)** – *Major Project*

September 2020 – May 2021

- Introduced an application for Android users designed to streamline the process of communication between real estate agents and their clients.
- The development took place in Android Studio using Java as a primary language and Firebase Realtime Database to store the data being exchanged with Crashlytics.

### **Network Traffic Analysis** – *Practical Report*

Winter 2021

- The scope of this project was to apply the principles of intrusion detection and packet analysis in a practical application.
- Network management applications and tools were used to analyze the network traffic such as, Snort, SnortSnarf, Argus, Splunk Cloud, and Linux commands.

### **WePerform** – *Major Term Project*

September 2018 – May 2019

- Developed web-application called *WePerform*, a platform designed to streamline the process of booking talented performers for certain events.
- React, Vue, and Firebase Realtime Database were in use for the development.

## **AWARDS**

- Certified specialization for Java Solutions Developer by Duke University.
- Certified specialization for Programming in Python by University of Michigan.
- Certified specialization for Full-Stack Web Development by The Hong Kong University of Science and Technology.