

# Karanjot (KJ) Pabla

✉ kp16km@brocku.ca

☎ 365-778-9899

🌐 [www.linkedin.com/in/kjpabla/](https://www.linkedin.com/in/kjpabla/)

🐙 [www.github.com/kjpabla/](https://www.github.com/kjpabla/)

## 💻 Programming Languages:

- 🔥 Java, C++
- 🐍 Python, 📄 JavaScript, 🗄️ SQL

## Education

September 2017 – January 2022

### 📖 B.Sc. Computer Science (Honours) Co-op

Concentration: *Intelligent Systems*

## Career Related Experience

May 2020 – August 2020

### 📖 Junior Developer (Co-op)

Digital Garage (R&D Branch)- Labour and Transportation I&IT Cluster, Ministry of Transportation, *St. Catharines, Ontario*

- Developed pipelines, and pages for web-apps, ensuring Ontarians had access to the Ministry's important resources online
- Pioneered automation within our branch by automating tests for a Ministry wide web-app using **Selenium**, providing ease of testing components

January 2020 – May 2020

### 📖 Junior Data Science Developer (Co-op)

Digital Garage (R&D Branch)- Labour and Transportation I&IT Cluster, Ministry of Transportation, *St. Catharines, Ontario*

- Extracted, analyzed, streamlined, and visualized big data to satisfy the needs of our clientele, using the appropriate Data Science tools for the task
- Created scripts to aggregate real-time incoming Ministry data when trying to automate processes for our project needs (i.e. **machine learning**)

June 2019 – August 2019

### 📖 Software QA Analyst (Co-op)

Emergency Health I&IT Solutions and Technology Management Branch, Ministry of Health, *Toronto, Ontario*

- Performed SIT & UAT on ambulance communication software, strengthening ambulance dispatching centre's capabilities with large call volumes

May 2019 – June 2019

### 📖 IT Systems Assistant (Co-op)

Emergency Health I&IT Solutions and Technology Management Branch, Ministry of Health, *Toronto, Ontario*

- Managed updates on outdated PC's/server-level machines found in ambulance communication centres across Ontario; increasing performance

## Skills

🗄️ Databases

📊 Data Science

🔗 Web & Automation

🔧 Other

📖 PostgreSQL, MongoDB, Azure Data Studio, SQL Server Mgmt. Studio

📖 Spark, Anaconda, Power BI, Jupyter Notebooks, Databricks, Google Analytics

📖 React, Node.js, Html, css, Selenium (WebDriver, IDE), Mocha

📖 Azure DevOps & Pipelines, Git, GitHub, Jira, Confluence, Excel, ...

## Academic Projects

November 2019

### 📖 Artificial Intelligence Cryptanalysis Program

Brock University- Introduction to Artificial Intelligence, *St. Catharines, Ontario*

🐙 <https://github.com/kjpabla/GA-Implementation-on-the-Vigenere-Cipher>

- Received an excellent score for developing a professional technical report, and implementation of the Genetic Algorithm in Java