

# VIDIT CHHABRA

**EMAIL:** vidit.chhabra@ryerson.ca **PHONE:** (647) 632-5787 **LOCATION:** Toronto, Ontario

**LINKEDIN:** vidit-chhabra-3b7103148/ **GITHUB:** VidiTC

## EDUCATION

**Ryerson University: Bachelor of Science, Computer Science (Honours)**  
B.Sc. Computer Science 2020  
Expected Graduation: May 2020

Sept. 2016 - Current

## EMPLOYMENT

**TD Bank Group, TD Securities CAP Customized Solutions Group & MIDAS IT, Developer / Application Database**, 222 Bay Street, Toronto, ON Apr. 2020 - Current  
Managed the installation and configuration of OEM for Oracle Database Management on TDS Oracle Servers

- Worked with build and engineering team to add installation of OEM agents to new DB builds
- Educating and enable DBAs on how to use this tool for performance tuning and monitoring
- Helped to co-ordinate DB related change requests regarding OEM installations and upgrade efforts

Involved in identifying critical applications with unsatisfactory DB health and conducting proactive DB Deepdives.

- Resulted in ~200% performance improvement in one TDS application
- Shortened the time of running queries from 30-80 mins to under 200ms for a separate application

Involved in consulting on DB related major incidents and manage recommendations to prevent re-occurrence of incidents

- Resulting in an increase of resolving DB related problem tickets by ~400% in 5 months

Consult on DB related changes, facilitating new DB projects

**TD Bank Group, Channels Technology Solutions, QA Intern, Automation Tester**, 161 Bay Street, Toronto, ON

Sept. 2019 - Apr. 2020

- Review System Requirements and design documents then create execute and document detailed, accurate test cases
- Analyze, Develop, Debug, Execute, Maintain and Document Test Cases
- Help Define Test Data and Environment Requirements
- Day to Day integration of automation testing tools (*Jenkins, Jira, and Version Control using Git/Bitbucket*)
- Day to day test environment support, trouble shoot, triage issues, and coordinate resolution with tech partners
- Heavy use of Web Services and APIs, Java, Databases and SQL
- Automate Test Cases for TD WebBroker Website, debugging and reporting any failed test cases

**Ryerson University: Research and Analytics, University Advancement Assistant**, 1 Dundas St W

May 2019 - Aug. 2019

- Providing data analytics regarding fundraisers and alumni relations professionals and converting them to usable data sets and reports
- Day to day use of Relational Databases in SQL+ for Oracle 11g
- Major project transitioning from UA1 (CRM) to Salesforce

**Magnet/Ryerson, Project Assistant**, Ryerson University: 221 Yonge Street, Toronto, ON, M5B 1M4

Sept. 2017 - Apr. 2018

- Worked on projects for Magnet: Magnet Export Business Portal, Hire Immigrants.
- Worked on unit testing for WhoPlusYou (Powers Magnet's Platform)
- Communicated using the office communication platform: Slack
- Learning Software Development, helped WPY with remapping of Database with SQL Queries

## SKILLS

**EXPERIENCE:** Java, Python, HTML/HTML5/CSS, C, Javascript, SQL, C++, Angular, jQuery, Laravel, Bash, Jenkins

**OS:** Windows 7/8/10, Mac OS, Linux/Unix

**RELEVANT COURSES:** Data Structures, C and Unix, Web Development, Software Engineering I, Web Applications, Databases, Operating Systems, Computer Security, Applied Cryptography, Algorithms, Computer Networks, Software Tools for Startup

## PROJECTS

Weather App

Implemented a weather-app Using Angular v.7 which:

- Shows current date and time (updated on refresh) using Angular DatePipe module
- Show city temperature measured in degrees Celsius using Open Weather Map2 API.
- Used Angular HttpClient module and implement this feature as an Angular service.

P2P File Sharing Application

- Developed a peer to peer file sharing application that uses a distributed directory service written in Java. Implementing a distributed directory server pool, P2P Client and a P2P Server.
- P2P Client acts as: Client of Directory Service and client of P2P Transient server

Soccer League Database Management System

- Programmed a SQL database using SQL Developer connected to Oracle 11g.
- Implemented multiple functionalities such as Search a player, stats, and function to move players between teams.
- Incorporated Normalization, BCNF, and 3NF to increase data integrity.

Cryptography Java

- Implemented an application for decrypting an encrypted text file based on specified encryption/decryption key. The file was encrypted using combination of Substitution Cipher and Columnar Transposition Cipher

Neural Network Image Processing

- A Java program for detecting the value of the number in a b/w image file using matrix manipulation on three input layer. Additionally, it uses hidden and an output layer with weight and bias on corresponding layers and predictions were based on the output neuron with the highest value.

Java Complex Calendar

- Developed a Complex Calendar in by applying the knowledge of Objects and Classes, Inheritance, Interfaces, GUI's, File I/O and Exceptions, Queues, Linked Lists, Arrays, ArrayLists and Stacks

RU HACKS Hackathon

- Worked with colleagues on creating a password encryptor
- Attended Programming Workshops

## AWARDS

**Honours Student**, St. Augustine Catholic High School

Honors Student throughout High School

June 2016

**Certificate of Bilingual French Speaking**, Dufferin-Peel Catholic District School Board

Received a certificate to acknowledge my initiative to partake 4 years of French during High School

June 2016