

# VIDIT CHHABRA

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## EDUCATION

**Ryerson University: Bachelor of Science, Computer Science (Honours)**

B.Sc. Computer Science 2020

Expected Graduation: May 2020

Sept. 2016 - Current

## EMPLOYMENT

**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

**Guess Inc?, Sales Associative**, Toronto Premium Outlet Malls

Aug. 2016 - Aug. 2017, May 2018 - Sept. 2018

- Worked in a fast-paced environment
- Worked as a team to assist customers
- Worked as main cashier

## SKILLS

**PREVIOUS EXPERIENCE:** PHP, Perl, jQuery, Elixir, XML

**FAMILIAR:** Java, JavaScript, Unix/Bash Script, HTML/HTML5/CSS, Laravel Framework, Python, SQL, C++

**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

## PROJECTS

Soccer League Database Management System

Oct. 2018 - Dec. 2018

Using concepts and design of data management, storage and different types of DB systems created a functional DBMS which required accurate use of technical literature to normalize a data model and implement a relational database system in Oracle 11g and 12C

Hire Immigrants

Sept. 2017 - Apr. 2018

Decrypter

Developed a program in Java that decrypts an encrypted message. Reverse engineered a given encryption algorithm to create the decryption algorithm

Neural Network Image Processing

Implemented a neural network in Java to read and output a given number from an image

Java Complex Calendar

- Developed a calendar with Java using the **SWING** package for GUI
- Places emphasis on **OOP & Data Structures (Stack, Queues, Linked Lists, Arrays, Array Lists)**

Security Labs

- Completed several labs on Syracuse University's SeedLabs
- Labs consist of **MID5 Collision, RSA, PKI, SQL Injection, Buffer Overflow.**

RU HACKS Hackathon

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

## AWARDS

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

June 2016

Honors Student throughout High School

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

June 2016

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