VIDIT CHHABRA

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EDUCATION

Ryerson University: Bachelor of Science, Computer Science (Honours)   Sept. 2016 - Current
B.Sc. Computer Science 2020
Expected Graduation: May 2020

EMPLOYMENT

Magnet/Ryerson, *Project Assistant*,   Sept. 2017 - Apr.
Ryerson University: 221 Yonge Street, Toronto, ON, M5B 1M4   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-pace environment
- Worked as a team to assist customers
- Worked as main cashier

SKILLS

FAMILIAR: Java, Python, HTML/HTML5/CSS, C, Javascript, SQL, C++, Angular, jQuery, Laravel, Prolog
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

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*   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