Vishwa Patel

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Qualifications

- Knowledge of data structures and algorithms, Android development process and Object-Oriented software design
- Fluent in C++, C, Java and Python
- Familiar with SQL, Assembly, LATEX, Verilog, Android
- Prior Working Experience with HTML, CSS, JavaScript

Technical Projects

SQL Database Query Application (CSCA08 Final Project)   **December 2016**
- Applied knowledge of functionality of SQL queries into a python application handling queries from files, and modifying databases learning SQL capabilities in depth

PetConnect - Animal Services Android Application (Grade 12 Comp. Sci)   **June 2016**

- Developed an Android application to help City of Toronto for better delivery of animal services working with Android, Java, IBM cloudant and XML
- Worked with databases solving issues connecting to IBM cloudant database from Android devices to store and retrieve pet and user information

Extracurricular Activities

Personal Website (Extracurricular Project)   **September 2016 - Present**

- Created and implemented personal responsive website self-learning HTML, CSS and JavaScript from scratch

Cave Escape – Android Gaming Application (Extracurricular Project)   **April 2016**

- Developed a gaming application on Android platform working with XML for User Interface design and Java using Object-Oriented software design (> 100 Downloads)
- Designed User Interface for the game using XML and implemented data storage system on the Android device for high scores and user information

ACM ICPC 2016 Contestant   **November 2016**
- Represented UofT at ICPC regionals and placed 58/128 teams at the regional level learning importance of teamwork and problem solving in competitive programming

Education

Bachelor of Science, University of Toronto   **September 2016 - Present**

- Specialist in Computer Science - Software Engineering, Co-op (2nd year)
- cGPA: 3.97/4.0 (expected graduation in April 2020)
- Recognized as University of Toronto Scholar (Awarded to 550 every year)
- Recipient of UofT Scarborough Frank Faubert Scholarship for 96% entrance average
- Awarded Computer Science Excellence Award (Awarded to 5 every year)