

Rushil Patel

647-928-1548 | ra8patel@edu.uwaterloo.ca | University of Waterloo Electrical Engineering 1A Term

Summary of Qualifications

- 6 months of experience with **HTML & JavaScript**; ongoing development of **C++** skills
- Proficient in **Microsoft Office**; recorded and analyzed data collected during school fundraisers
- Outstanding **time management** skills and **work ethic**; simultaneously balanced a full time job and a part time job
- Excellent **analytical skills**, participated in numerous mathematics, physics and biology competitions
- Outstanding level of **initiative** and **communications** skills though preparing engaging activities in various tutoring positions

Projects

Projectile Range Computation Engine

- Developed a C++ program which calculates range of a projectile according to user input
- Efficiently debugged program in order to meet project deadline

Basal Metabolic Calculator

- Developed JavaScript program which calculates an individual's basal metabolic rate according to user input

Cashier Interface

- Designed a customer service interface using JavaScript; program validates correct combination of merchandise and computes the final price

Relevant Experiences

Park Services Associate Wonderland

July '18 – August '18

- Demonstrated outstanding level of responsibility by rapid response to emergencies in order to maintain cleanliness of park

Tim Hortons Team Member

July'18 – August'18

- Provided fast customer service through effective communication with other team members
- Demonstrated tremendous level of initiative by learning maintenance of technical equipment in the workplace in order to ensure smooth operations

French Tutor, Maple High School

February'18 – July'18

- Created an effective learning environment by utilizing various learning techniques to communicate fundamentals of the French language to new learners

International Language Teacher Assistant

September '14- January'15

- Utilized creativity to create various games and activities which further language understanding for adolescents ages 8 – 15
- Provided level appropriate readings and assignments catered to each student's needs to strengthen weaker language areas
- Demonstrated excellent level of leadership by ensuring safety of students in a large class size of 35 students

Awards / Achievements

- Ranked top 25% in University of Waterloo Pascal Math contest
- Highest distinction in Biology, Chemistry and Physics in graduating high school class
- Certificate of Core French

Education

Candidate for BAsC. in Electrical Engineering, University of Waterloo

September'18 – present