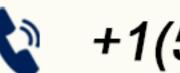
Rahul Agarwala



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130-7 Columbia Street West, Waterloo, Ontario

Education

Wilfrid Laurier University | 2017 - 2021 Honours Bachelor of Science Computer Science and Mathematics (Double major) Major GPA: 11.14 / 12.0

Links

Linkedin: www.linkedin.com/in/ra-rahul GitHub: https://github.com/Rahul515

Skills

Programming Languages:

Python, C, Pygame, Java, JavaScript, Assembly

Presentation Languages:

HTML/CSS

Tools & Designing Softwares:

Adobe Photoshop Microsoft Excel, Microsoft Word, VBA in Excel

Awards

Exe.BIT Robo-Tricks	2016
1 st Place	
International Informatics Olympiad	2015
Rank: 75	
Scholarship (Wilfrid Laurier)	2017
Recipient of Merit Scholarhip	
Zenith Karate-Do Tournament	2016
1st Place in Katha and Kumete	
Keventers Cup Soccer Tournament	2016
1 st Runner up	

Relevant Coursework

Data Structures (CP164)
Data Structure II (CP264)
Digital Electronics (CP220)
Object-Oriented Programming (CP213)
Into to Microprocessor (CP216)
Windows Application Programming (CP212)
Multivariable Calculus (MA201)
Linear Algebra (MA122)

Work Experience

Instructional Assistant | Wilfrid Laurier University | 2018 - Present CP104: Intro to Programming:

- Taught the basic components of programming to a lab of 45 students
 CP164: Data Structures I:
- Helped students grasp a better understanding of the different data structures in Computer Science.
- Assisted them analyse and debug their codes for the lab problems

Customer Service Representative | Greyhound | 2017 - 2019

- Agent at the Greyhound booth in Kitchener.
- Interacted with customers on a daily basis to cater to their needs without supervision and make sure the buses are on time.

Volunteer Activities

Head of Robotics Committee | LSA | 2016 - 2017

- Selected by the faculty, out of a pool of 520 students to lead the school robotics team.
- Taught the basics of robotics to students of 10 different schools in various workshops as a mentor.
- Hosted various Interschool Robotics competitions.

Core Committee Member | Exe.BIT | 2016

- Helped organise our anual Interschool IT Fest.
- Developed and maintained the website for the fest.
 Co-supervised the event Code-Chef: Test your coding skills.

Projects

Pygame Project | 2016

- Recreated the classic Snake game with some modifications.
- Scripted the game on Python using its Integrated Development Environment and combined it with the Python module Pygame to implement the graphics.

Fibonacci Sequence Identifier | 2018

- Used a switch to give the device a 3 bit binary input and displayed the resulting output using a 7-segment display.
- Used Quartus II as the software to program the CPLD with the help of logic gates and displayed the resulting output on the 7-segment display.

Omnifood (website) | 2019

- Created a website for an online course using resources provided by the professor.
- Used HTML5, CSS3 and JavaScript to build the website with brackets as the text editor.