Tirth Patel

Computer Science Student
Legally Eligible to Work/Live In the United States & Canada

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https://programtp.github.io (Portfolio Website)
https://github.com/ProgramTP

Experience

Hackathon Team Leader ($1000 Prize), OurWaveHub

09/2018

Led my team in the delivery of our SchoolTech Robot project, resulting in our first-place win

Resolved time and work conflicts by delegating tasks

Hackathon Team Leader, Techstars

11/2018

Coordinated presentations for peers and team members detailing project scope, progress, and results

Developed QuickNotes; a platform to allow students to upload their notes for peers

Sold our application through a pitch to Hackathon coordinators

Robotics Team Leader, Jean Augustine Secondary School

09/2018 - 04/2019

Identified plans and resources required to meet project goals by setting realistic timelines for the competition (Arduino parts, code, etc.)

Increased team morale and efficiency by delegating work such as wiring, coding, soldering, etc.

Managed both hardware and software sides of the team, polishing it for competition

Swimming Instructor, Cassie Campbell Community Centre

01/2018 - 06/2018

Explained and demonstrated swimming skills to my classes

Solidified leadership skills by conducting lessons of approx. 7-8 students

Greatly developed teamwork/communication skills by engaging in joint lifeguard exercises with colleagues

Education

University of Toronto, Scarborough — *Computer Science*

2019-2023

GPA: 3.12

Applicable Courses: Software Design, Linear Algebra, Software Tools and Systems Programming

Skills

Java, Python, C, Bash, Unix, SVN, HTML, CSS, JavaScript

Projects

Mock Shell

https://tinyurl.com/y3arxocc **(GitHub link)**

Console-based Java program that used a custom data structure to resemble a computer's filesystem with capabilities to store data

Common Linux shell commands were included such as cd, mv, ls, tree, etc.

Socket Server

https://tinyurl.com/y2xjrbdg **(GitHub link)**

Server created in C using socket programming and select to handle multiple clients

Sudoku Solver

https://tinyurl.com/yxcov597 **(GitHub link)**

Recursive Python program that utilizes backtracking to find a solution to given Sudoku puzzle

Many More My GitHub!

https://github.com/ProgramTP