

# Tirth Nagar

## Student

A high school senior with broad experience in software development and project management developed through multiple hackathon-winning projects.

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## EDUCATION

### High School

#### Martingrove Collegiate Institute

09/2018 - Present

Toronto, Canada

##### Courses

- Advanced Functions (MHF4U1)
- Computer Engineering (TEJ4M1)
- Physics - University (SPH4U1)
- English - University (ENG4U1)
- Calculus and Vectors (MCV4U1)
- Computer Science (ICS4U1)
- Chemistry - University (SCH4U1)
- Financial Securities (IDC4U1)

## WORK/VOLUNTEER EXPERIENCE

### Assistant

#### Toronto Public Library

09/2018 - 09/2020

Toronto Public Library is a public library system in Toronto, Ontario. It is the most extensive public library system in Canada.

##### Tasks

- Expanding support for routine tasks and special library projects
- Enhancing the level and quality of customer services
- Providing supplemental expertise

Contact : Staff Advisor - 416-394-5200

### Mentor

#### Institute of Robotics & Intelligent Systems

10/2018 - 01/2019

IRIS Robotics is a service provider for school workshops, after-school classes, and coaching and guidance to the school robotics club.

##### Tasks

- Advise the mentees on how to accomplish their goals
- Provide guidance and help increase the mentee's exposure to new experiences
- Provide learning opportunities in which the mentee can make mistakes without losing credibility

Contact : Staff Advisor - (416) 619-5229

### Brand Ambassador

#### Domino's Pizza

05/2021 - 06/2021

Domino's, is an American multinational pizza restaurant chain.

##### Tasks

- Representing the brand at events and other marketing initiatives.
- Assisting in content creation
- Providing feedback and insight on new products

Contact : Staff Advisor - 647-700-7656

## SKILLS

HTML

CSS

Java

Python

C/C++

## PERSONAL PROJECTS

### Personal Portfolio (07/2021 - 08/2021)

- I created a personal portfolio website while learning web development.
- Notable features include a responsive text and image sizes both on PCs and mobile phones

### Minesweeper Clone (05/2021 - 06/2021)

- I created a simple minesweeper clone made with the curses library in C
- Notable features include a menu screen with user-changeable options to select your own minefield size and the number of mines

### AudiPoP (05/2020 - 06/2020)

- I successfully programmed a music player using python with an exceptionally clean UI
- Notable features include a volume rocker, skip to and previous song and a mute function

## ACHIEVEMENTS

### Grand Winner: Banana Hacks (07/2021 - 07/2021)

Achieved first place in a Hackathon with over 50 teams with the project Neighbour Network, built to combat the lack of face-to-face interaction among community members.

### Overall Winner: Explore Hacks (08/2021 - 08/2021)

Achieved first place in a Hackathon with over 250 people with the project Ecoholics, built to help reduce the number of recyclable materials in landfills and incentivize recycling.

### Best First Time Hackers: IBY Hacks+ (06/2021 - 06/2021)

Achieved the title of best first time hackers in a hackathon with over 40 people with the project Focus Elements, built to help students focus on their work during online school by preventing distractions.

## CERTIFICATES

### Responsive Web Design (06/2021 - 07/2021)

Responsive web design developer Certification, representing approximately 300 hours of coursework. **Certificate Issued by FreeCodeCamp**

### JavaScript Algorithms & Data Structures (08/2021 - 09/2021)

JavaScript Algorithms and Data Structures developer Certification, representing approximately 300 hours of coursework. **Certificate Issued by FreeCodeCamp.**

## LANGUAGES

Hindi

Limited Working Proficiency

English

Full Professional Proficiency

Gujarati

Full Professional Proficiency

French

Limited Working Proficiency