

# AARYA PATEL

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## EXPERIENCE

### ICUBE UTM | WEB DEVELOPER

Sept 2020 – Present | Mississauga, ON

- » Helped early-stage startups by developing web pages for the client's website using **HTML**, **CSS** and **PHP**.
- » Created new WordPress plugins using **PHP** to optimize future projects.

### BAPS INC. | YOUTH COORDINATOR

Sept 2018 – Present | Toronto, ON

- » Enhanced the experience with youths by adhering to syllabus matrices and performing **administrative** duties entailing planning by attending weekly meetings.
- » Improved the overall design of the program by collaborating with peers to brainstorm **creative** solutions to ambiguities.

### WEST HUMBER CI PROGRAMMING CLUB | FOUNDER

Sept 2017 – June 2019 | Toronto, ON

- » Coordinated with teachers and execs to create a meaningful syllabus filled with computing and engineering related topics.
- » Fostering student growth by teaching coding fundamentals through languages like **Java** and **Python**.

## PROJECTS

### RAPSTRACK | WEB APPLICATION

- » Developed a web application that keeps track of the Toronto Raptors' game analytics by using **HTML**, **CSS**, **JavaScript**, **Express.js** and **Node.js** to serve pages and run **Python Scripts**.
- » Integrated a backend web-scraper written in **Python** by using **BeautifulSoup** and **Requests** to scrape **JSON** data.

### COVID-19 TRACKER | REACT APPLICATION - [View Project](#)

- » Created an informative dashboard to better interpret different data using **Chart.js** and **Material UI**.
- » Reduced the number of requests being made by **caching** data into the user's session storage.

### TO-DO APP | REACT APPLICATION - [View Project](#)

- » Designed a **React** app where users can add, favourite, delete and filter tasks.
- » Persisted user data by caching state information as **JSON** in **local storage**.

### CALENDAR | JAVA APPLICATION

- » Created a Calendar App using **Java** and implemented various **software design patterns** to allow for extensibility.
- » Integrated **MySQL** to allow for multiple users to login and store user information in the database.
- » Implemented constant time checks by using **multithreading** to read and update system time.

## EDUCATION

### UNIVERSITY OF TORONTO

Bachelor of Honours Computer Science Specialist

September 2019 – May 2023

### RELEVANT COURSEWORK

Software Design (Java), Intro to Computer Science (Python), Reasoning for Computer Science

## SKILLS

### PROGRAMMING

CSS • HTML • JavaScript • Java • Python • C

### TECHNOLOGIES

Git • Node.js • Express.js • React.js • NPM • WordPress SQL • PIP • Eclipse • JSON • NetBeans • Sublime Text • Visual Studio • Postman

## AWARDS

### DEAN'S LIST SCHOLAR

Achieved a cGPA of 3.50 or greater during the 2019-2020 academic year.

## CERTIFICATIONS

JPMorgan Chase Software Engineering Virtual Internship – August 2020

## COMPETITIONS

Pueblo Science STEM Hackathon  
Canadian Computing Competition  
ECOO Computing Competition  
Euclid Math Competition  
Senior Math Competition

## HOBBIES

Swimming, Cooking, Video Games, Gardening