# Nishaant Dhingra

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## Education

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| **York University, Lassonde School Of Engineering** | Toronto, ON |
| *Honours Bachelor of Engineering in Computer Science* | *Sept. 2019 – April 2023* |

## Technical Skills

- **Languages:** **Java8**, **Python3**, C/C++, SQL, JavaScript, HTML/CSS, Swift
- **Databases:** MySQL, Apache Cassandra
- **Frameworks:** Flask, JAMStack
- **Softwares/Tools:** GitHub, Gitpod, Google Cloud Platform, VS Code, PyCharm, Eclipse, Android Studio Code, LaTeX
- **Coursework:** Software Tools, Fundamentals of Data Structures and Algorithms, Net-centric Introduction to Computing, Computer Organization, Programming for Mobile Computing, Advanced Object Oriented Programming

## Projects

1. **<u>Flask Weather Dashboard</u>** | *Python, HTML, CSS, Flask, PyCharm* — February 2021
   - Used 3 languages; Python, HTML and CSS to develop this code and conclude my web application.
   - Utilized Flask framework to develop a web application and beautified it using HTML and CSS.
   - **OpenWeatherMap** API in this project which allowed me to gather weather information of 50+ states of The United States using their state zip code.

2. **<u>Amazon Price Tracker</u>** | *Python, Beautiful Soup, Visual Studio Code* — February 2021
   - Did **python scripting** for web scraping Amazon.com and find important information about their products.
   - Used **Beautiful Soup** and concluded the project: which lets the user know when their desired product is in their budget range to buy by sending an email out to them.

3. **<u>Transcript Generator</u>** | Project Grade : A+ | *JUnit, Java, Eclipse* — December 2020
   - Tokenized more than 5 input files for generating an unofficial student transcript.
   - Used **Object-Oriented Programming** features such as **encapsulation, static factory methods, overridden methods, static and non-static components** of an object and **exception handling** in order to conclude this project.
   - Calculated bugs in the code by **debugging and testing** which increased the accuracy of the algorithm.

4. **<u>Path Finding</u>** | Project Grade : A+ | *JUnit, Java, Eclipse* — November 2020
   - Developed an algorithm to find out the shortest path from a random point on a grid to the border of the grid using **Recursion**. **Documented** my code which resulted in better **maintainability**.
   - Calculated errors in the code by **testing and debugging** which increased algorithm's accuracy. Used basic principles of **Behaviour Driven Development**.

## Experience

1. Part-time Chef | Galitos Restaurant, Toronto, ON — February - March 2020
   - Prepared more than 30 meals per shift which brushed up my **multitasking**, **agility** and **organisational** skills.
   - Worked 15 hours part-time being a full time student demonstrating **effective time-management**.
   - **Coordinated** and **communicated** with 2 co-workers at a time to build a work bond and manage to prepare meals in a **fast-paced environment** thereby maintaining high standards of customer service during peak times.

2. Volunteer Exchange Student | German Exchange Program (India - Germany) — Oct 2015 - May 2016
   - Participated in an Exchange program with Germany to work on a project called Waste Management System.
   - **Conversed** in German language throughout the project timeline in order to enhance my **multilingual** skills.
   - Went to Germany in May 2016 with a group of 20 students from India to work on the same project demonstrating **independence** and **project management skills** in a **team**.

## Certifications

- <u>Google Cloud Training</u>: GCP Essentials, Intro to ML: Language Processing

## Interests

- Software Development • Machine Learning • Web Development (Full-stack)