

# Prachi Thakkar

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## Skills

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Languages – C, C++, Python (Pandas, Jupyter, numpy, BeautifulSoup, Matplotlib), Java, HTML, CSS, SQL  
Frameworks, DataBase & Core concepts – Tkinter, phpMyAdmin, Object Oriented Programming, Responsive Web Development, Graphical User Interface, GitHub  
Operating Systems – Unix, MacOS, Windows, Linux  
Programming Platforms – Visual Studio, Visual Studio Code, XCode, Spyder, Pharo  
Certifications – C, C++, Python, Microsoft Excel, AWS Cloud Computing (ongoing), Full Stack Web Development (ongoing)  
Soft Skills - Communication, Detail-Oriented, Quick Learner, Patience, Collaboration, Relationship Management, Problem Solving, Professionalism.

## Professional Experience

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Purple Patch Learning, Surat, India. - *Intern*

*July 2022 – September 2022*

- Designed English learning materials for college students on an Online Learning Management System. Received positive feedback from the students and the instructor for the quality and effectiveness of the materials. Helped in creating and posting marketing content on social media to promote a product or service. Achieved a 150% increase in post engagements and people reached, and a 45% increase in inquiries, compared to the previous quarter.

Lululemon, Toronto, Canada. – *Seasonal Educator*

*October 2023 – January 2024*

- Ensured exceptional customer service through engagement, personalized solutions, and efficient transactions.
- Provided product education, executed omnichannel programs, and addressed feedback for satisfaction.

## Education

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Toronto Metropolitan University

*Toronto, ON*

Candidate for Bachelor of Science Honors Computer Science, Class of 2027

*January 2023 - Present*

- GPA: 4.04/4.33
- Notable Coursework: Python, Java, Calculus and Computational Methods, Discrete Mathematics, Discrete Structures, Computer Organization & Architecture, Social Issues, Ethics and Professionalism, Statistics and Probability, C, C++ and Unix, Data Structures and Algorithms, Smalltalk, Elixir, Rust, Haskell, Operating Systems, Linear Algebra, Intro to Software Engineering.

## Projects

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### Formula 1 Stats Web Scraper

*May 2023 - May 2023*

- Used BeautifulSoup to get race data tables from Formula 1 webpages.
- Processed and organized the data with pandas, filtered and added columns for necessary data.
- Saved the data to “races.xlsx” with openpyxl, enabling easy sharing and analysis of the race data.

### Personal Portfolio Website

*May 2023 - May 2023*

- HTML: Made a portfolio webpage with a home page, an about section, and a contact section.
- CSS: Added responsive design and styles for elements like the header, links, tabs, form, and icons.
- JavaScript: It uses JavaScript to handle tab switching, open and close a side menu, and submit the contact form to a Google Sheet.

### Airbnb Data Aggregator and Analyzer

*June 2024 – June 2024*

- Developed data aggregation pipeline: Combined and cleaned multiple Airbnb listing CSV files (scraped from <https://www.airbnb.ca>), ensuring data consistency by handling missing values and standardizing price formats.
- Conducted data visualization: Utilized Matplotlib to create visualizations of key numerical columns, highlighting rental pricing trends and patterns.
- Optimized data processing: Enhanced efficiency by removing unnecessary columns and null rows, improving data analysis accuracy.

## Extra Curriculars

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- South Gujarat Yoga Sports Competition [state-level]: 1st rank
- All India Yoga Sports Association’s 5th National Yog Sports Championship: 3rd rank