Drasti Patel

Waterloo, ON, N2J 2V8

(548) 333-2296 | dpatel9416@conestogac.on.ca | www.linkedin.com/in/pateldrasti

- Experienced in **data reconciliation, analysis, and reporting**, using **Excel, SQL, and Power BI** to detect inconsistencies and optimize operational efficiency.
- Driven and adaptable Computer Science student with a strong work ethic and passion for technology.

TECHNICAL SKILLS

- **Languages:** C, C#, C++, Java, Python, R, SQL
- **Operating Systems:** Windows, Kali Linux, Ubuntu
- **Software and IDEs:** Microsoft Visual Studio, Eclipse, Qt
- **Databases & Analytics:** MySQL, Microsoft Azure, Google Colab, Power BI, SQLite
- **Cloud & DevOps:** AWS, Azure DevOps, Docker, Cloudera
- **Security & Testing:** SonarQube, Nessus, Metasploitable, JMeter, Postman
- **Design Tools:** Adobe XD, Figma

EDUCATION

Bachelor of Computer Science (Honours) *(2022 – Present)*
Conestoga College, Waterloo

- Seeking an 8-month co-op opportunity starting Spring 2025.
- Completed coursework in **Big Data** and **Big Data Integration and Processing**, gaining hands-on experience with **Microsoft Excel, GIS tools, and data visualization platforms**.

CERTIFICATIONS

- Tata Data Visualisation: Empowering Business with Effective Insights on Forage – January 2025
- PwC Switzerland Power BI Simulation on Forage – January 2025
- Standard First Aid – CPR C – AED (May 2023 – May 2026)

PROJECT WORK

Party Invitation Management Web App *(March 2025)*

- Developed a web-based event management system using ASP.NET Core MVC, Razor Pages, and SQLite.
- Implemented email invitation system via Gmail SMTP, allowing guests to RSVP through interactive links.
- GitHub Repository: https://github.com/Drasti24/PartyInvitationApp.git

Booka – Performance Project *(January 2025 – February 2025)*

- Developed a web-based book listing and rental platform, analyzing system efficiency and server performance.
- Conducted structured performance testing to measure throughput, error rates, and system stability, identifying key bottlenecks.

Satellite Space Program *(September 2024 – December 2024)*

- Developed a three-tier enterprise solution focusing on communication and connection between tiers.
- The three tiers were spacecraft, ground station, and scientific operations, with a primary focus on Uplink/Downlink communication of the ground station.

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Covid-19 Data Analysis Project   *(April 2024)*

- Collaborated in a team to analyze the impact and trends of the Covid-19 pandemic using R for data summarization and statistical analysis.

EXPERIENCE

Sales Associate, Mark's, Waterloo   *(October 2022-Present)*

- Delivered exceptional customer service, surpassing sales targets and guiding informed purchasing decisions.
- Managed inventory and merchandising, ensuring seamless store operations and optimal product availability.
- Trained and mentored new team members, fostering a high-performance and customer-focused environment.

Outreach Coordinator, Pledge A Smile Foundation, Mumbai   *(March 2022 – July 2022)*

- Managed data tracking systems, analyzing donation trends and volunteer engagement to enhance outreach.
- Assisted in social media campaigns, increasing awareness and engagement with targeted initiatives.
- Streamlined internal processes, optimizing data organization and communication for better efficiency.

VOLUNTEER

- Supporting Inclusion through Intergenerational Partnerships (SIIP), Waterloo **(January 2025 – Present)**
- Orientation Volunteer, Conestoga College, Waterloo **(2023 – 2024)**
- Volunteer, Pledge A Smile Foundation, Mumbai **(March 2022 – July 2022)**