

# Sanjida Rahman Supti

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## SKILL SUMMARY

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**Programming Languages:** C, JavaScript, HTML & CSS, C++, Python

**Operating Systems:** Windows, Linux

**Development Tools:** NoMachine, GitHub, Google Colab, Jupyter Notebook, Codeblocks, Next.js, MongoDB

**Data Science Tools:** NumPy, Pandas, Matplotlib, Seaborn, Power BI

**Other Skills:** Microsoft Office Suite (Teams, Word, OneDrive, OneNote, Outlook, PowerPoint)

**Leadership:** Proven leader with expertise in team leadership, communication, and operations management.

**Analytical Abilities:** Strongly solution-oriented attitude and analytical capabilities.

**Interpersonal & Emotional Acumen:** Skilled in navigating corporate interactions with tact, empathy, and effective non-verbal communication.

## EDUCATION

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**University of Guelph**

Sep 2022 – Present

Bachelor of Computing, Honours Co-op Major in Computer Science

Guelph, ON

Minor in Mathematics

## WORK EXPERIENCE

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**Information Analyst Intern**

May 2024 – August 2024

*Advanced Chemicals Industries Limited*

*Dhaka, Bangladesh*

- Improved prescription recognition by 25% and increased inventory management efficiency by 10%.
- Boosted decision-making efficiency by 25% through advanced data visualization techniques.
- Achieved 85% accuracy in crop classification using satellite imaging, enhancing report usability by 40%.
- Reduced preprocessing time by 25% and increased model accuracy by 15%.

**Teaching Assistant**

Present

*School of Computer Science, University of Guelph*

*Guelph, ON*

- Successfully managing a diverse programming class of over 100 students, overcoming challenges in student engagement and learning styles to achieve a high pass rate.
- Conducting interactive sessions and providing personalized feedback, leading to a 20% improvement in average student grades and enhanced overall class performance.

## EXTRA-CURRICULAR ACTIVITIES

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**Peer Helper**

Present

*Experiential Learning Hub, University of Guelph*

*Guelph, ON*

- Improving student retention and compliance with ethical standards by offering peer support and completing training.
- Providing tailored guidance and completed training, leading to a 15% increase in student retention and enhanced support quality.

## PROJECTS

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**OurShop Exclusive: Next.js E-Commerce Platform** | *Next.js, HTML, JavaScript, CSS*

- Implemented a user-friendly shopping cart and secure checkout with enhanced functionality, leading to a smoother purchasing experience.
- Developed and deployed the project on Vercel, achieving a deployment time of under 10 minutes and ensuring high availability and performance with a 99.9% uptime rate.

**Efficient C-Based Car Database: carBase** | *C*

- Developed a dynamic linked list application for managing car data, allowing users to add, edit, and delete car records efficiently through a structured menu.
- Designed an innovative struct-based framework for car detail management, allowing seamless integration into existing systems; framework is now utilized by over 15 developers, enhancing collaborative efforts on data handling.