

# Neelaksh Gupta

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## EDUCATION

### Carleton University

Ottawa, ON

Bachelor of Computer Science, Honours | Minor in Statistics and Mathematics | CGPA: 10.6

April 2028

- **Relevant Coursework:** Abstract Data Types & Algorithms, Intro to Software Engineering, Statistical Modeling II (Winter 2025), Discrete Math II, Multivariable Calculus (Fall 2024), Linear Algebra II, Calculus II (Summer 2024)

## PROJECTS

### Coffee Tracker

Designed and implemented a responsive web application using React, JavaScript, HTML, CSS, and Firebase

- Built an interactive platform to track coffee consumption, caffeine intake, and expenses, with real-time analytics.
- Integrated Firebase Authentication and Realtime Database for secure user sign-up, login, and dynamic data storage.
- Optimized database queries and component structure to ensure scalability and smooth performance.

### Pokédex

Designed and implemented an interactive Pokédex application using React, JavaScript, HTML, and CSS

- Developed an interactive Pokédex application integrating the PokéAPI to fetch and display Pokémon data dynamically.
- Optimized API calls and caching to reduce response times and enhance real-time data rendering.
- Designed a responsive interface, ensuring usability across multiple devices and platforms.

### To-do List

Designed and implemented an interactive Pokédex application using React, JavaScript, HTML, and CSS

- Implemented core features such as task creation, editing, and deletion with real-time state updates.
- Used reusable React components to enhance code scalability and maintainability.
- Focused on user-friendly UI design, enabling efficient task management.

## LEADERSHIP EXPERIENCE & ACTIVITIES

### Coding Club, Video Game Development

Caledon, On

Video Game Developer (Team Lead)

January 2022 – June 2022

- Led a team of 5 developers in weekly meetings, defining project milestones and reviewing code collaboratively.
- Designed and implemented key gameplay mechanics in Java, improving game performance and user engagement.

### Euphoria – Instagram Non-Profit Organization

Brampton, On

Blogger

March 2021 – May 2023

- Authored 50+ engaging posts and articles to raise awareness of global and social issues, reaching an audience of 1,500+ followers.
- Organized and executed digital campaigns to encourage meaningful discussions on contemporary topics.

### Food Basics

GeorgeTown, On

Grocery Stocker Team Lead

July 2022 – August 2023

- Oversaw closing responsibilities, ensuring smooth daily operations and inventory management.
- Led a team to optimize restocking efficiency during peak hours, reducing stock depletion by 20%.

## SKILLS & INTERESTS

**Programming Language:** C++, C, Java, Python, JavaScript, HTML, CSS, SQL

**Tools:** React, Node.js, Express.js, REST APIs, Git, Firebase, JavaFX