

Aadit Gupta

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Education

University of Toronto

Sept 2024 – May 2029 (expected)

Bachelor of Applied Science in Computer Engineering + PEY Co-op

- Relevant courses: Engineering Strategies and Practices; Electrical Fundamentals; Introductory Electronics; Calculus II; Computer Fundamentals (C/C++)

Technical and Professional Skills

Technologies: Git, MATLAB, Visual Studio Code, DaVinci Resolve, Adobe

Programming: JavaScript, React/Node.js, HTML CSS, Python, C/C++, SQL, FastAPI

Professional Skills: Teamwork, Communication, Problem-Solving, Leadership

Languages: English, Hindi

Experiences

Project Management Intern | Internship

Jun 2025 – Aug 2025

- Developed an **AI-powered E-Invoicing Assistant** that processed client tax queries in under **5 seconds**.
- **Built and deployed** a RESTful API with FastAPI, **enabling seamless integration into client systems**.
- Optimized responses using **retrieval + caching techniques (RAG/CAG)** while hosting the LLM locally using Ollama.

School Student Prefect | Member

Sep 2020 – Jun 2024

- Facilitated **communication** between students and school administration to advocate for the student body
- **Organized** fundraising events which raised over **\$600 CAD** to fund events in which over 40 people attended
- Provided solutions to school administration regarding student dissatisfaction resulting in more students re-enrolling
- Collaborated with the Student Council to organize over **20 events** over a span of 4 years

Model United Nations | Admin

Feb 2024

- Primary form of communication between **60 delegates** and the chairs
- Cooperated with **30** other admins to ensure smooth operation throughout the event
- Organized the award ceremony

School Peer Mentoring | Mentor

Nov 2023 – Apr 2024

- Tutored **9** students in Physics, Mathematics, and Computer Science with 2 sessions/week lasting 1 hour each
- Resulted in **2 students** increasing their grade from a predicted D to B in AS level Computer Science

Projects

Camera Strap Redesign – Engineering Strategies and Practices

Jan 2025 – April 2025

Communication Liaison

- Worked with **client** to design a solution to **replace/redesign camera straps**
- **Responsible** for all communication between client and team in coordination with an Engineering Manager
- Created **Gantt Charts** and **Status Reports** for the team to keep track of the team's progress

Bahen Courtyard Sustainable Food Initiative – Engineering Strategies and Practices

Sep 2024 – Dec 2024

Team Lead

- Worked with the team and produced a **problem statement** that allowed us to generate solutions
- **Responsible** for submitting assignments and made sure all assignments and tasks were done on time
- Communicated with the team about upcoming deadlines which allowed us to get work done earlier

Coding Projects

Personal Project

Apr 2022 – Present

- Built **multiple projects** including a Color Guessing Game, Photo Gallery and a Personal Website
- Hosted multiple Websites for each project using **GitHub Pages** and **Vercel**
- Utilized **HTML, CSS and JS** to code and design projects