Pranav Sai Thava Ganesh

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Markham, Ontario, Canada

OBJECTIVE

Motivated and detail-oriented Grade 11 student with a strong academic background, seeking a summer wet lab research opportunity at Sick Kids Research Institute to gain invaluable work experience. Skilled at analyzing biological data, collaborating effectively within teams, and demonstrating a commitment to excellence, with a long-term goal of pursuing a career in medicine.

EDUCATION

Bill Hogarth Secondary School, OSSD

2024 - Present

- Health and Wellness Sector SHSM
- Participating in the HOSA club & Competitive Coding Club
- Enrolled in University Level Biology, Chemistry, Physics, Math, Computer Science and Intro to APS

Bradford District High School, OSSD

2022 - 2024

- 2x Honour Roll (94.5% average)
- Participated in Diversity Club, Model UN, Student Athletic Association, and Morning Announcements Team

WORK EXPERIENCE

**Outpatient Pharmacy Co-op Student
@ Markham Stouffville Hospital**

March 2025 - Present

- Used Kroll Software to print labels and manage packaged medications.
- Stocked OTC and prescription medications, ensuring organized inventory.
- Assisted at the cashier and contacted patients for uncollected prescriptions.

**Bioinformatics Intern
@ Krembil Research Institute (University Health Network)**

August 2024 - February 2025

- Curated and reviewed fibrosis-related scientific papers for research insights.
- Conducted RNA-seq analysis using R to identify gene expression patterns of fibrosis

VOLUNTEER EXPERIENCE

Completed 250+ Community Service Hours

**Surgical Assessment and Discharge Unit Volunteer
@ Markham Stouffville Hospital**

January 2025 - Present

- Provide comfort, directions, and basic support to patients and families in the unit.
- Assist staff with clerical tasks like restocking supplies

**Youth Councillor (Representing Markham Ward 5)
@ Markham Mayor's Youth Council (MMYC)**

September 2024 - Present

- Coordinated events like Collage, a city-wide youth networking initiative.
- Secure sponsorships through cold calling & emailing for MMYC events.
- Strengthening leadership, teamwork, and communication skills.

LANGUAGES

English (Fluent)

Tamil (Fluent)

French (Beginner)

SKILLS

- Programing Skills:
  - Java
  - Python
  - HTML
  - CSS
  - JavaScript
  - R
- RNA-seq analysis:
  - Bioinformatics tools (R)
  - Bioinformatics pipelines (Nextflow, Limma)
- Soft Skills:
  - Collaboration
  - Communication
  - Organization

CERTIFICATIONS

- <u>Standard First Aid and CPR/AED Level C</u>
- <u>WHMIS</u>
- <u>Worker Health & Safety Awareness</u>

INTERESTS

- Piano (Pursuing RCM Level 3)
- Boxing
- Bioinformatics
- Computer Science
- Medicine

REFERENCES

Available upon request.