


Gautham Venkateshwaran

Incoming UBC Science Student & Software Developer

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PROFESSIONAL EXPERIENCE

Assistant Teacher, Spirit of Math Schools Inc.

2020.09 – 2021.06

- Tutored 20+ Grade 3 students with math **one grade above** their initial understanding


Online Campus

LEADERSHIP EXPERIENCE

VEX Robotics Club Executive | 2022-09 to 2024-06

- Mentored **100+ students** in **building, programming and competing with** advanced robots
- Organized logistics** to raise **\$1200+** through bottle drives & sponsorships

CTRL Hacks Co-founder | 2023-02 to 2023-10 




- Co-founded** CTRL Hacks, an independent High School **hackathon**, and led a team of **nine people**
- Built a **three.js-powered website** , which helped garner **110+ participants**
- Raised **\$2500+** via corporate **sponsorships**, while managing various **media outlets**


Model UN (MUN) Team Executive | 2022-09 to 2024-06

- Developed **automatic email response** system for our annual MUN conference
- Helped lead several workshops to teach **60+ students** about public speaking

AWARDS

Hackathon & Programming Awards

- 1st Place** at Hack the Change YYC  - Built an self-sufficient plant pod with an **Arduino** and an **ESP32**
- 3rd Place** at STEMist Hacks II  (600+ Participants) / **3rd Place** at SimpliHacks 2.0  (400+ Participants)

VEX Robotics Awards (2022-2024), Lead Programmer for Team 3388A 

- Regional/Provincial Awards: **2x** Tournament Champion; **2x** Design Award; **2x** Robot Skills Champion
- Also won the **2024 Provincial Excellence Award** (highest judged honor awarded to any single team)
- Qualified for the **World Championship** two years in a row (2023 and 2024)

PROJECTS

Autonomous Path-Planner for VEX Robotics 

- Drag-&-drop** path-planning, **animated** path previews, and automated **path-to-code conversion**
- Featured in a **Pits and Parts** Interview by FUN-RECF 

Mecha Mayhem Website, Official Website for Canada's Largest Robotics Tournament 

- Co-developed a **multi-page** website with **React, Tailwind & Firebase**, which has received **5000+ visits**

EDUCATION

Bachelor of Science, University of British Columbia (Vancouver Campus)

2024.09 – 2028.04

- Admitted into the Faculty of Science as a **prospective Computer Science Major**

Vancouver, BC, Canada

International Baccalaureate (IB), Sir Winston Churchill High School

2021.09 – 2024.06

- Full IB Diploma Program with 4 HL courses and a predicted 39/45

Calgary, AB, Canada