Gautham Venkateshwaran

✉ gauthamv6002@gmail.com ☎ 825-431-5488 ⌨ GauthamV6002 in GauthamV 🔗 gauthamv6002.github.io

EDUCATION

University of British Columbia   September 2024 - May 2028
Bachelor of Science, Expected Computer Science Major - 90.0% Weighted Average   *Vancouver, BC*

EXPERIENCE

Software Engineering Intern   March 2025 - Present
Toma (YC W24)   *Vancouver, BC - Remote*
- Developed AI Voice Agents that handle appointments and customer service for **100+** dealerships across the US

Experiences Director   September 2024 - Present
UBC BizTech   *Vancouver, BC*
- Spearheaded a behavioral interview workshop, which offered recruiter-curated feedback to **200+** attendees
- Managed logistics for UBC BizTech's largest conference, *Blueprint*, with over **280+** attendees and **40+** companies

Co-founder   February 2023 - October 2023
CTRL Hacks   *Calgary, AB*
- Co-founded **Calgary's largest** High School hackathon, with **$2000+** in sponsorships from **7** companies
- Garnered **113 participants** and **6 industry-professional judges** by building an interactive ***Three.js-powered website***, and leading direct outreach to **12** high schools on various social media platforms

Co-president   September 2022 - June 2024
Churchill VEX Robotics Club   *Calgary, AB*
- Mentored **100+ students**, and raised **$1200+** in funding through sponsorships and fundraisers
- Created **21** educational robotics resources, driving a **350%** increase in awards received by our club in a year
- Won **11 awards** on VRC Team 3388A, including the **provincial excellence award** (top team in the province)

PROJECTS

AI Interviewer Companion | *OpenAI Realtime API, Next.js, Stream, WebRTC*   December 2024 - Present
- Developed an AI assistant with Next.js and OpenAI's real-time API for a **research study** with **20+ participants**, set for submission to the **UIST conference (600+ submissions)** in April

LifeLink | *Arduino, ESP32, OpenCV, LangChain, AI, Firebase, React-Native*   July 2024
- Won **1st place** and **$1750** at *Medihacks 2024*, a hackathon with **493 participants**, by creating a **$10** hardware module to send emergency alerts to **save lives in third-world countries** or regions lacking mobile access

SeedPod | *Arduino, ESP32, OpenCV, Next.js, Firebase*   November 2023
- Won **1st place** and **$5000** at *Hack the Change YYC*, a university hackathon with **275 participants**, by developing an Arduino-powered self-sufficient plant pod, a gamified frontend, and OpenCV-powered monitoring system

Autonomous Path Planner for VEX Robotics | *Fabric.js, GSAP, Tailwind*   October 2023
- Developed a visual path-to-code editor with **Fabric.js** and **Tailwind**, which has seen use by **40+** members in our school club, and featured in a *Pits and Parts Interview by FUN-RECF* with **4700+** views

Mecha Mayhem Website | *Next.js, Tailwind, Firebase, Framer Motion, GCP*   June 2022 - Present
- Co-developed the website for **Canada's largest robotics competition** with Next.js, now with **5000+** visits

AWARDS

- **3rd Place** at *IOB UBC Pitch Competition* - Won **$2000** as the **youngest solo competitor** among **40+** teams
- **2x VRC Worlds-Qualified** - Qualified for the *VEX Robotics World Championship* in 2023 and 2024
- **3rd Place** at *STEMist Hacks II* - an university level hackathon with **630 participants**
- **3rd Place** at *SimpliHacks 2.0* - a high school and university level hackathon with **401 participants**

SKILLS

Languages: Python, JavaScript/TypeScript, HTML/CSS, Java, C++
Tools/Libraries: Tensorflow, OpenCV, Langchain, React, Next.js, React-Native, Tailwind, Three,js, Arduino, Firebase