

Savir Singh

🌐 savirsingh.com

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EDUCATION

Garth Webb Secondary School

Ontario Secondary School Diploma

Oakville, Canada

2021 – 2025

- President of the Computer Science Club, Executive Leader of the Investment Club
- Member of the Math, Physics, Tennis Clubs
- Wrote all CEMC contests, SIN/OAPT contests, and participated in FRC 5409 robotics learning sessions

EXPERIENCE

Scaled Foundations

Software Engineer Intern, AI Model Research

Kirkland, USA

September 2024 – Present

- Researching and contributing models to improve simulator technology

University of Waterloo

Software Engineer Intern & Student Researcher

Waterloo, Canada

January 2024 – April 2024

- Worked with a team of PhD students on a software security project, FuzzSlice
- Added some support for C++ repositories to the project
- Built a Flask web app to make interacting with the product more efficient
- Produced a video demo of FuzzSlice using the GUI I developed
- My video demo and GUI were presented in the ICSE 2024 Research Track

American Inn Ozark

Backend Engineer Intern

Ozark, USA

June 2023 – September 2023

- Built an automated system to handle updating available rooms on a website
- Programmed a real-time pinging application to notify staff of new reservations

PROJECTS

Math Contest Repository

October 2023 – Present

🌐 mathcontestrepository.pythonanywhere.com

An online math contest platform with 290+ registered users, 320+ community members, 1400+ problems, and over 7000 monthly impressions. We have the support of Desmos as a partner. I fully developed this project, and managed a team of developers and business students that assisted me in maintaining it.

Clonio AI

May 2024 – Present

📱 Clonio AI

An iOS app that can transform people into AI chatbots based on DM/text conversation history. At its peak, this application ranked 64th on the US App Store for paid apps under the "Productivity" section. It attracted 200+ downloads in the first week alone.

BYTEsense

September 2023

🔗 savirsingh/bytesense-htn-project

A project we developed for Hack the North 2023. BYTEsense is an AI-powered tool using OpenAI and Cohere APIs which personalizes itself to a user's individual dietary needs. The purpose of the app is to inform the user how a new cuisine may affect them. Our team of 4 was awarded a \$200 prize from Replit, as we had built the app on their platform.

Volcano Judge

October 2022 – January 2023

🔗 savirsingh/volcano-judge

Volcano Judge is an online competitive programming judge (similar to LeetCode or Codeforces) designed specifically to aid in learning new algorithms and data structures. Supports and has sandboxing for Python and C++.

HONOURS & AWARDS

Top 8% (Rank 310/3948) & Score of 37/75, Canadian Computing Competition (Senior)

2024

3x First Place & Internship Invitee, PEO Mississauga Chapter High School Coding Contest

2021, 2022, 2023

Second Place Prize From Replit, Hack the North '23

2023

13th Place Provincially, Skills Ontario Coding Competition

2023

Gold Medalist, Board Representative, Halton Skills Coding Competition

2023

SKILLS

Languages: Python, C/C++, Java, HTML, CSS, JavaScript

Frameworks/Tools: Flask, React.js, Git, Linux, Docker