Savir Singh

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EDUCATION

Garth Webb Secondary School — *Oakville, Canada*
Ontario Secondary School Diploma — *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 — *Kirkland, USA*
Software Engineer Intern, AI Model Research — *September 2024 – Present*
- Researching and contributing models to improve simulator technology

University of Waterloo — *Waterloo, Canada*
Software Engineer Intern & Student Researcher — *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
- Video demo and GUI were presented in the ICSE 2024 Research Track

American Inn Ozark — *Ozark, USA*
Backend Engineer Intern — *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 boasts over 290 registered users, more than 320 community members, and 1400+ problems, generating over 7000 monthly impressions. Support from Desmos as a partner enhances the platform's credibility. The project was fully developed and managed, overseeing a team of developers and business students who contributed to its maintenance.

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 developed for Hack the North 2023, BYTEsense is an AI-powered tool utilizing OpenAI and Cohere APIs to personalize dietary recommendations based on individual user needs. The app informs users about how different cuisines may affect them. Received a $200 prize from Replit for building 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

Last updated: September 28, 2024