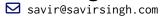
# Savir Singh



https://www.savirsingh.com







# **Work Experience**

Jan 2024 - Present

■ Student Researcher Intern – Software Security, University of Waterloo – David R. Cheriton School of Computer Science

Working with a team of PhD students in a computer science/engineering research internship. Assisting in making a technology called FuzzSlice compatible with more languages including C++, and ensuring it is user-friendly.

Oct 2023 - Present

President & Director of Software Development, Math Contest Repository Contributing to a not-for-profit initiative launched by a team of high school students to make math contests more appealing to youth. I lead this initiative and manage the software development aspects.

Sep 2023 - Present

**Problem Setter & Uploader,** DMOJ: Modern Online Judge Uploading problems, including those from UWaterloo's CCC 2024 to DMOJ, Canada's largest competitive programming online judge.

Jun 2023 – Sep 2023

**Backend Engineer Intern,** American Inn Ozark

Built a Flask website with a MySQL database to handle hotel reservations. Also implemented a real time pinging system to notify hotel staff of new reservations.

#### **Education**

Sep 2021 - Jun 2025

■ Ontario Secondary School Diploma, Garth Webb SS

Awards: Academic Honour Roll - Grades 9 to 10, Represented School & Board at the invite-only prestigious Ontario Skills Coding Competition.

## Skills

Coding Python, C/C++, sql, LATEX

Databases Mysql

Web Dev | НтмL, css, JavaScript, React

Misc. Academic research, Linux, Git, Docker, Lagrange typesetting and publishing.

## **Awards and Achievements**

Feb 2024 School Champion, 37/75 in Senior Divison, Canadian Computing Competition 2024, University of Waterloo

Sep 2023 Second Place - Best Hack Built on Replit, Hack the North 2023

May 2023 | 13th Place Provincially, Skills Ontario Coding Competition.

Mar 2023 Gold Medalist, Board Representative, Halton Skills Coding Competition

Nov 2021, 2022, 2023 High School Coding Contest - 1st Place in 2021, 2022, 2023, Professional Engineers Ontario (PEO)