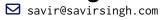
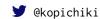
# Savir Singh



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 paid 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

Hтмь, css, JavaScript, React

Misc.

Academic research, Linux, Git, Docker, LaTeX 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)

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