

# Savir Singh

✉ savir@savirsingh.com

🐦 @kopichiki

in savirss

🌐 <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    **HTML, 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