Savir **Singh**

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Experience

Volcano Judge   *Oakville, Canada - Remote*
SOFTWARE DEVELOPER   *Oct 2022 – Present*
- Added support for Python and C++ to a competitive programming judge.
- Deployed to Flask server and managed SQL database.

Guessoword Coding   *Oakville, Canada - Remote*
CODING INSTRUCTOR   *Jul 2023 – Aug 2023*
- Providing private and public coding tutoring services.
- Teaching AI & ML, Python/C++ development, competitive programming, algorithms and data structures, app development.

My Code Club   *Mississauga, Canada - Remote*
VOLUNTEER ASSISTANT TUTOR   *Sep 2021 – Jun 2023*
- Helped to teach and host/participate in contests for youth aged 4-13.

Projects

BYTEsense   *Replit, Python Flask, OpenAI,*
                                                                            Cohere, SQL, HTML/CSS/JS
AI & ML PROJECT BUILT AT HACK THE NORTH 2023. WON 2ND PLACE FOR "BEST HACK BUILT ON REPLIT". A TOTAL   *github.com/savirsingh/bytesense-htn-*
OF 250 TEAMS WERE PRESENT AT HTN 2023.   *project*

Volcano Judge   *Python Flask, SQL, HTML/CSS/JS*
PYTHON FLASK BASED ONLINE COMPETITIVE PROGRAMMING PLATFORM AND REPOSITORY OF PROBLEMS.   *volcanojudge.pythonanywhere.com*

Skills

Software Development: Flask, Web Development, Hosting, Databases

Education

Garth Webb Secondary School   *Oakville, Canada*
ONTARIO SECONDARY SCHOOL DIPLOMA   *Sep 2021 – Jun 2025*

Awards

Sep 2023	**2nd Place - Best Hack Built on Replit**, Out of 250 teams of up to 4 people present at HTN 2023, we were one of 34 teams to be awarded a prize. We received recognition for creation of the second-best project built on Replit.	*Hack the North, Replit*
Mar 2023	**Gold Medalist - Halton Skills Coding Competition**, I placed 1st at the Halton Skills Coding Competition, and represented the HDSB at the Skills Ontario Competition, where I ranked 13th place provincially.	*Halton District School Board, Skills Ontario*
Nov 2021 & 2022	**1st Place in 2021 & 2022 - PEO-MC High School Coding Contest**, Ranked 1st place in all high school coding contests hosted by Professional Engineers Ontario (Mississauga Chapter).	*Professional Engineers Ontario*
Sep 2021	**1st Place - Code-A-Thon 2021**,	*My Code Club*
Dec 2020	**1st Place - PEO-MC Mathletics 2020**,	*Professional Engineers Ontario*