

KHUSHI BUDHWAR

1B Software Engineering Student

✉ khushi.budhwar@gmail.com
🌐 github.com/khushi-b
🌐 linkedin.com/in/khushi-budhwar/
☎ 647 963 2342

EDUCATION

University of Waterloo

Sep 2021 – Apr 2026

- Pursuing a **Bachelor of Software Engineering**, 3.95/4.0 GPA

PROJECTS

Automated Plant Watering System

November 2021

- Collaborated in a team to create an automatic irrigation system that will water a plant based upon its moisture level using a **raspberry pi**
- Used python to implement motors and sensors. Created a website using HTML and CSS for users to access information about their plant from anywhere

Sudoku Solver and Game

July 2020

- Used backtracking algorithms and recursion to solve complex sudokus with a graphic user interface in Java, using **Java Swing**

EXPERIENCE

Co-Founder of TextSaver

July 2019 – Sept 2021

- Worked in a team to create a web app that automatically generates flashcards using a student's textbook using React
- Head marketer of TextSaver that has since been viewed in over **50 countries** with over **40 monthly users** and collected over 1,000 emails

Mathnasium Instructor

Oct 2020 – June 2021

- Helped students of different abilities ages 5-16 years old improve their math skills and enhance their interest in the subject
- Was one of three instructors responsible for teaching high school students often multitasking and teaching **three students at the same time**

Executive Member of DECA

May 2019 – Oct 2020

- Coordinated and led weekly team meetings about business and public speaking with an innovative approach such as games and competitions
- Led our chapter to a **100% provincial qualifying** rate, the highest rate ever from our school

Executive Member of PCHackers

Sept 2018 – Oct 2019

- Worked in a team of high school students to host the **largest student-run hackathon** in Canada
- Was in charge of sponsorships, personally raised over **\$1,000 CAD** in monetary funds which along with other sponsorships paid for the entire cost of the hackathon

SKILLS

Languages

Java, C, C#

Other

Visual Studio, Git, IntelliJ, Terminal

AWARDS

W.C. Martin Memorial Scholarship

Received a scholarship for achieving the **highest Grade 12 average** in a graduating class of over 300 people

DECA International Qualifier

Placed top 8 in the Start-Up Business category out of 200 teams

INTERESTS

Peel Honor Strings Orchestra

Was the lead viola player in the annual ticketed orchestra event, have been playing for 8+ years

Hackathons

Participated in several hackthons including WolfHacks (top 12), PCHackers (top 3) and Lighthouse Hacks