

# Saksham Kohli

sakshamkohli6@gmail.com | 647-835-6369 | [github.com/Saksham-3](https://github.com/Saksham-3) | [saksham-3/website](https://saksham-3.com) | [/in/saksham](https://in.saksham-3.com)

## Skills

**Frontend** - HTML, Bootstrap, Jinja Templating, and JavaScript.

**Database** - SQLAlchemy ORM (Object Relational Mapper).

**API** - REST API - GET/POST/UPDATE protocols.

**Backend** - Python (Flask framework)

**Data** - JSON

**Version Control** - GIT (Using CLI)

## Education

**York University**

**2023 - Present**

Honors Bachelor of Science, Computer Science Specialized in Computer Security

**University of Ottawa**

**2021 - 2023**

Biomedical Mechanical Engineering and Computation Technologies

## Projects

**Note-It** – Python, HTML, CSS, Flask, SQL Alchemy, Git

- Developed a responsive web app that utilizes SQL Databases to store user data, personal blogs, and notes.
- Utilized CRUD operations to securely display data alongside a variety of user-friendly features.

**WorldFlags** – REST API, Python, Tkinter, Pillow, Git

- Implemented the REST Countries API alongside python libraries to display random flags for the user to guess with limited lives, score tracking, and high scores.
- Utilized Tkinter and CustomTkinter to create a seamless, visually appealing interface.

**Tic-Tac-Toe** – Python, PyGame, Numpy, Git

- Created the classic Tic Tac Toe interface PyGame, allowing two players to start/restart games to compete.
- Utilized Numpy and Pygame to plot each move in a mutable array, tracking the progress of the game at each step.

**K-Bot** – Python, Discord, Requests, Git

- Developed a responsive chat-bot using Python's discord library and API.
- Integrated engaging text functionality such as random dice rolls, coin flips, and programmed chat responses.

## Experience

**Jadaco Recreation** – Lifeguard

**2019 - 2024**

- Daily customer interactions to provide information on pool schedules, class timings, and resolving any other concerns.
- Supervise facility and enclosure to maintain patron safety.