

# Yuvraj Singh Bawa

[Github](#) - [Linkedin](#) - [ybawa@uvic.ca](mailto:ybawa@uvic.ca) - Victoria, BC

## SKILLS

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Programming	Java, C, JavaScript, Python
Web & Database	HTML, CSS, MySQL
Frameworks & Library	BootStrap, ReactJs, NodeJs, Pygame
Tech	Git, Visual Studio, VSCode, Eclipse, Linux, MSOffice
Language	English, Hindi, Punjabi

## Education

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**Bachelor of Computer Science**(Co-op), University of Victoria – Victoria, BC **Expected Graduation: Sept 2023**

Relevant Courses: Data Structures & Algorithms, Java OOP, Software development method, Operating Systems, Database.

## Projects

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### Real-time Chat app (Full-Stack) [Github](#)

- Developed a real-time web chat application using **NodeJs** and **Socket io** along with **HTML** and **CSS**
- Created a **Web Server** to handle multiple client instances in this application.
- A prompt requires a username to create a unique id and then the application can be used for Private or Group Chat.
- Used: **NodeJs, Socket io, HTML, CSS, JavaScript**

### Cryptocurrency Price Tracker app (Full-Stack) [Github](#) [Have a look](#)

- Developed a Cryptocurrency Price tracking app using **ReactJs, REST API - Axios and GoogleAPI**.
- This app shows real time data of Cryptocurrency regarding Price, Volume, PriceChange, MarketCap using coingecko **API**.
- A search box is provided in the app to search for a specific cryptocurrency.
- Used: **ReactJs, RESTful API, Axios, GoogleAPI**

### Snake Game (Full-Stack) [Github](#)

- Developed a game using **Python** and **Pygame** that allows the users to play through the arrow keys.
- Featuring Background images, Different types of Music, High score representation.
- Used: **Python, Pygame**

### ICalender Data Managing System (Back-end)

- Developed a program as Course Project first in **C** and then in **wPython** that provides the list of all the events stored in **.ics** file.
- Output gives event information, date, time and location without repeating when the user provides a window of dates as input.
- Used: **C, Python, .ics Files**

## Work & Leadership

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**Paladin Security** - Part-time Security Officer – Victoria, BC. Oct 2021 - Continuing

- Responsible for ensuring the safety and protection of Royal British Columbia Museum employees, visitors and property.

**University of Victoria** – Student Recruitment Inquiry Advisor - Victoria, BC. Feb 2021 - Continuing

- Responsible for advising students applying in Uvic for Computer Science. Clearing their Inquiry regarding the recruitment process and guiding them towards courses to meet their goals.

**Khalsa Diwan Society** - Volunteer – Victoria, BC. Jan 2021 - Continuing

- Helped elderly and vulnerable people by serving food in a Gurdwara