

Sahil Chawla

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EDUCATION

Bachelor of Science in Computer Science, University of British Columbia Okanagan, Kelowna, B.C

Expected Graduation: April 2025

Relevant courses: Software Engineering | Human-Computer Interaction | Analysis of Algorithms | Introduction to Databases | Data Structures | Computer Graphics | Introduction to Discrete Structures | Computer Networking | Project Management

Coding Skills: Java | C++ | Python | C# | .NET Core | HTML | CSS | JavaScript | XAML | React.js. | SQL

Applications: Microsoft Office suite | Coral Draw | Adobe Photoshop | Jupyter Notebook | Git commands | Visual Studio Code | Docker | Tableau

WORK EXPERIENCE

365 Labs

Software Engineering Intern

Baton Rouge, Louisiana

April 2022 – July 2022

- Implemented UI designs for the bike & pet pages of the permit application, using XAML.
- Developed a data-driven .NET application utilizing Entity Framework and .NET APIs to model the database schema.
- Implemented CRUD operations using LINQ and gained experience in improving code maintainability.

Wok Box

Server, Supervisor

Kelowna, British Columbia

October 2021 – March 2022

- Started as a restaurant server, and was promoted to supervisor in 4 months due to my discipline and team management skills.
- Recruited and trained 5 new team members over the span of 2 months, training included: stock prep, food assembly, handout responsibilities, and hygiene standards.
- Oversaw the handout process, ensuring accurate and timely order assembly.
- Facilitated communication between internal teams and delivery partners.

The Little Bazaar

Remote – Web Content Creator

Dublin, California

April 2020 – December 2020

- Augmented website aesthetics by optimizing Html and CSS code resulting in a sleek and visually appealing user interface.
- Uploaded 100+ images weekly to the website backend, enabling improved user experience and increased web traffic by 27%.
- Took responsibility to present products engaging and accurately, resulting in an 8% increase in sales within 2 months.

ACADEMIC PROJECTS (September 2022- December 2022)

US Police Shootings Analysis (2015 – 2022):

- Analyzed a dataset with thousands of rows, conducted an exploratory data analysis, and created visual representations to discover trends, patterns, and correlations within the data.
- Responsible for creating my research question, and performing a thorough analysis to gain insight.
- Utilized powerful data analysis tools like Tableau, Pandas, NumPy, Jupyter Notebook, and Python.

ATLAS (Gym Community Application):

- Designed and developed an Android app aimed at aiding individuals in their pursuit of a healthy lifestyle.
- Feature comprised of calorie counter, gym journal, and social features for adding friends and checking in at nearby gyms.
- Responsible for designing the UI for adding friends and home pages and implementing the gym journal feature.
- Utilized Android studio, and java for app development.

G.O.A.T (Iconic Sports Legends Posters):

- Developed a fully functional e-commerce website using JDBC, and docker for database connectivity.
- Responsible for designing the SQL server database schema and devising SQL queries for efficient data retrieval and storage.
- Utilized Visual Studio Code, SQL Server, Docker, HTML, JDBC, and Java.