

Kshitij Gomber

github.com/KshitijGomber | linkedin.com/in/kshitijgomber | kshitijgomber@gmail.com | +1-2508593733

About Me

Responsible and ambitious student with a strong aptitude for computer science and maths. An individual who is open to new ideas and constantly keen to learn something new.

Education

University of British Columbia

Sept 2022 – *PRESENT*

Bachelor of Science – Computer Science Major (Year 3)

- Dean's List for Outstanding Academic Achievement

The Millennium School HMEL

Nov 2011 – May 2022

High School Diploma (CBSE)- Physics, Chemistry, Mathematics, Information Technology, English

- Fully funded scholarship in Grade 11 and 12

Experience

UBC | Undergraduate Teaching Assistant (MATH 100, MATH 180 & MATH 101)

Sep 2023 – *PRESENT*

- Assisted students in understanding differential and integral calculus during discussions and participated in grading assignments. Collaborated with the instructor to efficiently manage and facilitate technical discussions.

iEdufy Tutoring | Online Mentor

Jan 2023 – Dec 2023

- Physics and Mathematics Tutor for Grade 11 and 12. Providing online mentorship and personalized instruction to high school students.

HPCL-Mittal Energy Limited | Vocational Internship Trainee

July 2023 – August 2023

- Provided technical support in the IT department, resolving employee queries and gaining knowledge of the refinery's online portal and industry-specific technology.

Paul Merchants Finance | Summer Intern

May 2023 – July 2023

- Resolved technical issues in the IT division and deepened knowledge of the company's mobile apps, Maya Money and Paul Pay.

Professional Development and Achievements

Engineering Virtual Program at Goldman Sachs in Cyber Security

April 2021

- Successfully accessed and analysed a leaked password database, and based on findings, made recommendations for improvements to controls and policies.

Indian Olympiad Qualifier in Mathematics 2020

Jan 2021

- Competed with students from all over India, achieving a Certificate of Merit for being placed in the top 300 ranks.

Fitness Tracker, Watchlist Manager (Java)

[GitHub](#), [GitHub](#)

- Created a Java-based Fitness Tracker for logging workouts, setting fitness goals, and tracking progress. Features include workout logging, goal setting, and weight monitoring with save/load functionality. Developed a **Java-based application** for managing movies and web series, featuring add/remove functionality, watchlist saving/loading, and an intuitive Swing-based GUI with movie suggestions. Technologies: Java, Swing, AWT.

GameLog Database

[GitHub](#)

- Created a database system for a website enabling users to log and review games, track game development, follow other users, and monitor in-game item purchases. Key Features: Aggregation and division queries for data analysis, user-friendly database model, and seamless backend performance. Technologies: SQL, HTML, CSS, JavaScript, Node.js.

Snapchat

Nov 2021

- Designed and implemented multiple filters, showcasing creativity and technical skills. Achieved over 4.2 million views and 95,669 shares for one filter, demonstrating impact and engagement.

Skills

C++ | Java | GitHub | Javascript | MySQL | HTML | Python | MySQL | Machine Learning | Mathematical reasoning | Video Editing | Snapchat lens studio | Digital Marketing | Data Analysis | Database Management | Project Management | Jupyter Notebook