

HASHIR BAIG

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TECHNICAL SKILLS

- C programming
- Java programming
- Html CSS
- Python
- Jupyter Notebooks
- Java Script
- Microsoft Studio
- Robot C
- Git
- Arduino

Education

UNIVERSITY OF VICTORIA

Bachelor of Science, 2nd year, Computer Science

Victoria, BC

Expected 2026

PAKISTAN INTERNATIONAL SCHOOL

Cambridge International A-levels

Jeddah, Saudi Arabia

May 2019 – June 2022

Projects

Python Random Gift Card Generator

Mar 2024 – April 2024

- Developed a Python to generate random gift card values, implementing object-oriented design for modular and maintainable code
- Integrated Git for version control and progress tracking throughout the development process

Ultraviolet-Guided Object Positioning System

Jan 2023 – March 2023

- Collaborated within a four-person team to design and implement the mechanical and electrical systems, including engineering a dropping mechanism and breadboarding a UV light sensor
- Optimized and refined code in C for detecting UV light changes, ensuring accurate adjustments to properly orient the device

Video Streaming Platform Replica

Jan 2024 – Feb 2024

- Developed a comprehensive video streaming platform landing page mirroring YouTube's layout
- Implemented video thumbnails for long form and short form style content
- Adapted navigation menus and bars with specialized icons to display multiple features to the user

Comprehensive Software Engineering Documentation

Jan 2024 – April 2024

- Authored a detailed 25 page documentation using Jupyter Notebooks and LaTeX, summarizing and analyzing projects from my software engineering course

Work Experience

SAVE ON FOOD

General/Produce Clerk

Victoria, BC

Dec 2023 – May 2024

- Exhibited professionalism and accountability with a consistent record of impeccable attendance and punctuality while maintaining top academic performance at University

Awards

- University of Victoria Entrance scholarship for Engineering (2022)
- Recognized as Top Achiever in Cambridge A-levels Citywide (2021)