Param Singh

Victoria, BC

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GitHub
LinkedIn

COMPETENCIES

Programming	Java, Javascript, C, ROBOTC, Python, HTML, CSS, TensorFlow, RStudio, Replit, Visual Studio Code
Tools	Microsoft Office Suite (Word, Excel, Teams, Powerpoint), Google Suite (Docs, Sheets, Slides, Drive), LaTeX
Language	English (Fluent), Punjabi (Fluent), Hindi (Fluent), Tagalog (Limited Working Proficiency)

EDUCATION

Bachelor of Software Engineering | University of Victoria   09 2022 - 04 2026

Courses: Fundamentals of Programming I and II, DSA I and II, Software Development Methods

PROJECTS

ServerManager Discord Bot   07 2023

- Programmed a Discord bot with discordjs and ran it using nodejs
- Provided a solution to managing servers letting users manage their server roles
- Provided basic functionality of the OpenAI API using the efficient davinci-003 model

ENGR 120 VEX Robotics Group   01 2023 - 04 2023

Programmer and Secretary

1. Programmed a VEX Robot using ROBOTC to simulate an under-water cleaning system for the class
2. Managed the team reports and requests for proposals and organized them using the Google suite
3. Wrote efficient ROBOTC code that could complete the given task speedily

Solar Panel Phone Charger   01 2022 - 03 2023

Project Manager

1. Created a solar panel phone charger using an Arduino and a small solar panel with a partner
2. Researched about a product and used multiple sources to figure out how fast potential charging could be (5 watts).
3. Created a 3D model of the device using Blender

EXTRA CURRICULAR

University of Victoria Engineering Competition | Victoria, BC   University of Victoria

Team Member

1. Competed in an 8-hour competition and placed 4th place
2. Used HTML and CSS on Replit to develop a website that features the Google Maps API

Robotics Club | North Vancouver, BC   Bodwell Highschool

Team Member

1. Built VEX Robots while collaborating with a team of 4 by building physical robots following instructions on a paper
2. Programmed robots directions using ROBOTC and debugged errors throughout the process
3. Tested software and made reports on how robots move while improving precision

UVic E-Sports Club | Victoria, BC   University of Victoria

Executive Member

1. Managed multiple games for multiple weekly events for a group of 10
2. Discussed future events and finances during meetings