

# Navraj Bains Computer Engineering Student

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## TECHNICAL SKILLS

### Computer

- C
- Python

### Hardware

- Arduino
- Circuits

### Software

- LTspice
- NumPy

## EDUCATION

University of British Columbia  
*Bachelor of Applied Science - Computer Engineering*

April 2025

## TECHNICAL PROJECTS

### Temperature Controlled Fan

June 2022– July 2022

- Created a temperature-controlled fan in C using an Arduino
- Designed and implemented a circuit involving thermistors and MOSFETs

## ENGINEERING STUDENT TEAMS

Subbots, UBC  
*Sound Localization*

April 2022 – Present

- Simulating circuits in LTspice using Python.
- Analyzing voltage data using NumPy

## WORK EXPERIENCE

Pacific Pharmacy, Surrey, BC  
*Clinic Intern*

June 2020 – September 2020

- Collaborated with pharmacists to ensure a positive experience for customers
- Organized, collected, and ensured the quality of prescription medications

## VOLUNTEER EXPERIENCE

YMCA, Surrey, BC  
*Junior Basketball Coach*

March 2019 – July 2019

- Taught young children about the fundamentals of basketball and good sportsmanship
- Administered and led practices once every week

## INTERESTS & ACTIVITIES

- Soccer, hiking, basketball, swimming, reading