

# Amraj Aujla <Computer> Engineering Student

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## TECHNICAL SKILLS

### Computer

- C, Java
- Arduino
- Microsoft Office
- SolidWorks

### Computer

- MAC, Windows
- Visual Studio
- Overleaf
- MATLAB

### Electrical

- Oscilloscopes, Multimeters, Basic Lab Tools
- Circuit Analysis/Design
- Electric Motors

## EDUCATION

University of British Columbia  
**Bachelor of Applied Science - <Computer> Engineering**  
CGPA: 81.7

April, 2025

## OTHER WORK EXPERIENCE

JOE'S BBQ BOAT, Vancouver  
**Assistant Manager**

June, 2022 – September, 2022

- Assigned, prioritized, and delegated tasks and responsibilities to employees
- Addressed customers courteously using suitable methods and problem-solving skills
- Maintained electrical components

BC Soccer, Vancouver, B.C  
**Referee**

September, 2016 – August, 2020

- Developed and maintained communication with parents, players, and coaches
- Provided a safe and respectful environment
- Independently coordinated games

## TECHNICAL PROJECTS

Autonomous Claw , UBC

January, 2022

- Integrated class knowledge into an efficient claw design that was capable to lift various objects
- Applied coding practices to Arduino to bridge together the hardware and software aspects of the claw
- Created code that caused the claw to open and close depending on the height from the ground

Constructed a Computer, Individual Project

August, 2021

- Incorporated information from many sources to find compatibility between components and the connections necessary between them
- Designed the layout of the components to precisely optimize airflow
- Began a business to assemble other computers

## INTERESTS & ACTIVITIES

- **Tutoring**
- **Outdoor activities: soccer, basketball, and pleasure craft operator card**