Aarjav Jain

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EXPERIENCE

UBC AgroBot   **January 2023 to Present**
Applied AI Developer

- Developed machine learning and computer vision algorithms to draw contours and perform object detection on plant images.
- Contributed to designing future-proof farming technology.
- Utilized skills in Neural Networks, Object Detection, JSON, Computer Vision, and Python.
- Developed an algorithm to produce contoured plant images using OpenCV.
- Trained a YOLOv8 model to generate bounding boxes for crops and weeds as part of the 2nd ACRE Cascade competition.

KiNitro   **September 2020 to May 2021**
Vice President of Finance

- Managed and supervised accounting for accuracy.
- Oversaw financial transactions: Documented and recorded AP/AR.
- Worked with President on incentives: Motivated team performance.

EDUCATION

The University of British Colombia   **September 2022 to Present**
Bachelor of Applied Science   Vancouver, BC

- Applied AI Developer at AgroBot UBC
- Notable courses: Introduction to computer engineering design (APSC 160), Convolutional Neural Networks with DeepLearning AI
- A+ average (4.33 GPA on UBC's scale) in the first year

Henry Wise Wood High School   **September 2019 to July 2022**
High School Diploma   Calgary, AB

- Honors of Distinction in Grades 10, 11, and 12 while taking IB HL in Math, Physics, and Chemistry.
- Attained the Alexander Rutherford Scholarship
- Member of the badminton team (Grade 10)
- Clubs: Math Club, STEM Club, and the Link Crew

OTHER

- **Languages: English, Hindi, Japanese (limited proficiency)**
- **Skills: Problem-Solving, Critical Thinking, Collaborative Working, Detail Oriented, Leadership**

- **Technical Skills: Python, C, Computer Vision, Convolutional Neural Networks**