

# ISAAC QI

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## EDUCATION

### University of British Columbia

Master of Food and Resource Economics (MFRE)

Expected Aug 2026

Vancouver, BC, Canada

### University of British Columbia

Bachelor of Science, Applied Animal Biology

May 2024

Vancouver, BC, Canada

◦ **Thesis:** Transitioning dairy cows to automatic milking: predictive effects of training on post-transition AMS use.

## PUBLICATIONS

C=CONFERENCE, J=JOURNAL, S=IN SUBMISSION

- [S.1] Qi, I., Heinsius, J., von Keyserlingk, M.A.G., & Weary, D.M. (in prep). Transitioning dairy cows to automatic milking: predictive effects of training on post transition AMS use. Manuscript submitted to the *Journal of Dairy Science*.
- [C.1] Qi, I., Heinsius, J., & Weary, D.M. (2024). Teaching Cows to Udder-stand Robots: Positive Reinforcement Training for Automatic Milking System Acclimation. *LFS Graduate Student Conference*. University of British Columbia, Vancouver, BC. (3rd Place Poster Presentation)
- [C.2] Qi, I., Vandresen, B., & Weary, D.M. (2024). Public Perception of Genetic Engineering in Production Cattle Analyzed using YouTube Data. *UBC Multidisciplinary Undergraduate Research Conference*. University of British Columbia, Vancouver, BC.

## TEACHING EXPERIENCE

- **Graduate Teaching Assistant** 2026  
*DSCI 532 - Data Visualization II - Master of Data Science*
- **Graduate Teaching Assistant** 2026  
*LFS 101 - Principles of Microeconomics with Applications to Land and Food Systems - Dr. Sumeet Gulati*
- **Graduate Teaching Assistant** 2025  
*FNH 415 - Business Concepts in Food, Nutrition, and Health - Dr. Karen Taylor*
- **Research Mentor** 2024  
*APBI 398 - Research Methods in Applied Biology*
- **Undergraduate Teaching Assistant** 2024  
*APBI 314 - Animals in Society - Dr. Amelia MacRae*
- **Teaching Assistant** 2024  
*Machine Learning and Generative AI Workshop - Vancouver Independent School for Science and Technology*

## AWARDS & SCHOLARSHIPS

- **Best Project: Web Design** 2025  
*Cursor.ai* \$300 CAD
- **MFRE Award: Land and Food Systems Professional Programs Award** 2025  
*University of British Columbia* \$1000 CAD
- **UBC TSC Student Leadership Award** 2025  
*UBC Thunderbird Sport Clubs*
- **AI for Animals Conference Scholarship** 2025  
*AI for Animals* \$150 CAD
- **Lululemon Leadership Award** 2024  
*Lululemon* \$1200 CAD
- **Canadian Society of Animal Science Undergraduate Award** 2024  
*Canadian Society of Animal Science* \$100 CAD
- **Special University of British Columbia Award** 2024  
*University of British Columbia* \$75 CAD

## PRESENTATIONS

- **Animal Welfare and International Trade** 11/20/2025  
*Animal Welfare Program x Evergreen College Visit* Invited Speaker
- **Undergraduate Research in Applied Biology** 10/25/2023  
*LFS ACE - Let's Talk about Research* Invited Speaker

SERVICE TO THE UNIVERSITY

- Academic Events Coordinator & MFRE Program Representative

Graduate Student Council, Faculty of Land and Food Systems, UBC

2025 - Present
- Captain & Finance Officer

UBC TSC Quadball Team

2023 - Present
- President

UBC Pre-Veterinary and Animal Welfare (PAW) Club

2023 - 2024
- Chair

UBC Animal Welfare Conference

2023

SKILLS

- Programming Languages: R, Python, SAS, HTML, CSS,  $\LaTeX$
- Research Tools: BORIS, NVivo, Tableau
- Other Tools & Technologies: GitHub, Cursor, Notion, Microsoft Office Suite, Zoom

CERTIFICATIONS

- Instructional Skills Workshop, UBC Centre for Teaching, Learning, & Technology

October 2025
- Dairy Welfare Auditing, Professional Animal Auditor Certification Organization

March, 2024
- Emergency First Aid & CPR/AED Level A, Canadian Red Cross

January 2024 - January 2027

WORK EXPERIENCE

- Animal Welfare Program, Faculty of Land and Food Systems, UBC

May 2023 - Present

Research Assistant

Vancouver, Canada

◦ Designed mixed effect models in R to assess how individual variability in training performance predicts dairy cow adaptability to automated milking systems.
- Outlier.ai

2024 - Present

AI Evaluator

Remote

◦ Senior RLHF reviewer and rubric designer.

◦ Domain expert in agriculture, economics, and mathematics for AI model evaluation and prompt refinement.
- PetSmart

2018 - 2021

Pet Salon Manager

West Vancouver, Canada

◦ Led customer service initiatives that resulted in over 100 five-star client reviews one year after store opening.

OTHER LEADERSHIP EXPERIENCE

- Proctor

2025 - Present

Mensa Canada
- Board Member

2024 - Present

Quadball Canada
- Basketball Coach

2013 - Present

Vancouver School Board