

# 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

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- **Academic Events Coordinator & MFRE Program Representative** 2025 - Present  
*Graduate Student Council, Faculty of Land and Food Systems, UBC*
- **Captain & Finance Officer** 2023 - Present  
*UBC TSC Quadball Team*
- **President** 2023 - 2024  
*UBC Pre-Veterinary and Animal Welfare (PAW) Club*
- **Chair** 2023  
*UBC Animal Welfare Conference*

## SKILLS

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- **Programming Languages:** R, Python, SAS, HTML, CSS, L<sup>A</sup>T<sub>E</sub>X
- **Research Tools:** BORIS, NVivo, Tableau
- **Other Tools & Technologies:** GitHub, Cursor, Notion, Microsoft Office Suite, Zoom

## CERTIFICATIONS

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- **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

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- **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

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- **Proctor** 2025 - Present  
*Mensa Canada*
- **Board Member** 2024 - Present  
*Quadball Canada*
- **Basketball Coach** 2013 - Present  
*Vancouver School Board*