

ISAAC QI

778-838-2343 | qhw.isaac@gmail.com | [in LinkedIn](#) | [GitHub](#)

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 for publication in 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** 2025
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

SERVICE TO THE UNIVERSITY

- **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

- **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

- **Board Member** 2024 - Present
Quadball Canada
- **Basketball Coach** October 2013 - Present
Vancouver School Board