

Pedro Dan Edamatu de Carvalho

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WORK EXPERIENCE

Kansas State University – Agricultural Economics | January 2026 – In Progress

Graduate Research Assistant / Teaching Assistant

- Cleaned, structured, and analyzed datasets using R, including handling missing values, variable recoding, and data normalization.
- Designed, organized, and administered surveys using Qualtrics for academic research projects.
- Conducted exploratory data analysis and prepared variables for econometric and statistical modeling.
- Supported teaching activities by grading assignments, exams, and classroom activities.
- Reviewed academic literature related to agricultural economics, risk management, survey methods, and applied econometrics.

Kansas State University – Crop Science | March 2025 – November 2026

Research Scholar - Intern (Manhattan - KS).

- Management practices aimed at enhancing productivity and profitability of cropping systems.
- Engage in general field and laboratory activities.
- Data collection and management.
- Field day attendance and professional development activities.
- Refining and following project protocols.

Sumitomo Chemical | May 2023 – May 2024

BioRational Promoter (São Paulo - SP and Assis - SP).

- Data analysis, field report preparation, and Big Data development for the Biorational sector in Brazil and Latin America.
- Marketing strategies for product launches and market development.
- B2B and B2C negotiation experience.
- Product development in key commodities.
- Customer prospecting and retention.
- Event and lecture organization to promote and sell portfolios.
- Product efficacy evaluation.
- Weekly and quarterly presentations to showcase results.

GDM Seeds | August 2022 – December 2022

Intern (Bauru – SP).

- Product development in soybean.
- Implementation, evaluation, and management of trials.
- Interaction with producers and cooperatives.
- Weekly and monthly report creation.
- Regular meetings to discuss strategies and activities.

- Result evaluation and presentations.

Bean Breeding and Management Research Group – UFSM | September 2021 – June 2022

Scientific Initiation and Innovation Scholarship.

- Fieldwork activities and trials evaluating key traits.
- Theoretical research and academic article writing.
- Data interpretation and analysis.
- Managed the Value for Cultivation and Use (VCU) bean project, handling all process stages.

EDUCATION

Kansas State University – Master of Science in Agricultural Economics | January 2026 - Present

Federal University of Santa Maria (UFSM) - Agronomy | March 2018 – February 2023. **GPA:** 8.78/10

High School – **Marista Arquidiocesano School**, São Paulo, Brazil. | December 2016

PROJECTS

A reappraisal of sorghum growing degree days: a regional approach | May 2025 – Present
Data collection and management to help develop an accurate method for anticipating the growth stages of grain sorghum based on growing degree day (heat units) under different environments.

Technological Innovation Scholarship | September 2021 – June 2022
Genetic improvement research project for high agronomic performance.
- Presented at the 36th UFSM Academic Journey.

COMPLEMENTARY EDUCATION

- Leadership, Learning Ability, and Resilience Certification (PUC RS) with Malala Yousafzai, Leandro Karnal and Flávio Augusto | August 2021
- Water Resource Management in São Paulo State (CETESB School) | May 2021
- Excel and Power BI | Hashtag | April 2021
- English Language Proficiency (Cel Lep) | 2015–2016

LANGUAGES

- English – Advanced – TOEFL iBT: C1 score 101
- Spanish – Intermediate
- Portuguese - Native

SOFT SKILLS

- Teamwork
- Proactivity
- Problem solving
- Communication
- Adaptability
- Leadership
- Critical thinking