

# ANDRÉ DOS SANTOS, PhD

## AI Strategy & Governance

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### SUMMARY

AI strategy and governance leader specializing in responsible AI, generative AI, and enterprise AI implementation. Experienced advising executive leadership on AI risk, ethics, and scalable AI adoption. Combines deep technical background in AI with strategic business leadership to translate emerging technologies into practical organizational impact.

### EXPERIENCE

#### Alberta Motor Association (AMA) | Edmonton

##### Principal, Responsible AI

2025 – Present

Lead enterprise AI governance and compliance frameworks embedding transparency, risk management, and ethical principles across AI lifecycle management. Scale Responsible AI initiatives while advising executive leadership on AI strategy, regulatory readiness, and organization-wide AI literacy.

##### Principal, AI Solutions

2024 - 2025

Drove the identification and development of AI-enabled business capabilities, partnering with executives and operational teams to translate strategic objectives into deployable machine learning and generative AI solutions. Helped establish governance guardrails ensuring safe and responsible deployment of AI technologies across the organization.

#### Alberta Machine Intelligence Institute (Amii) | Edmonton

##### Director of Curriculum

2023 – 2024

Oversaw the strategy and delivery of AI education programs designed to help organizations adopt machine learning and responsible AI practices. Guided curriculum development and program execution aimed at translating advanced AI research into practical knowledge for industry leaders and technical teams.

##### Machine Learning Educator

2022 - 2023

Delivered applied training in machine learning and artificial intelligence to professionals across multiple industries, focusing on practical understanding of AI systems and their real-world applications.

#### University of Alberta & ScotiaBank | Edmonton

##### Postdoctoral Fellow

2020 – 2022

Conducted research on large-scale financial data analysis and AI explainability. Developed generative AI pipelines for synthetic financial datasets and built high-performance computing workflows leveraging parallel computation. Presented research findings at NVIDIA GTC.

### EDUCATION

#### Computer Science MSc and PhD in AI

University of Regina

AI: PGMs, GenAI, Deep Learning

#### Bachelor Industrial Engineering

Santa Catarina University, Brazil

### SERVICE

#### Board Member 2023 - 2025

Queer & Trans Health Collective (QTHC)

Governance and strategic oversight

#### 24 Scientific Publications

AAAI, PGM, NVIDIA GTC

### LANGUAGES

English: Fluent

Canadian citizen

Portuguese: Native

Brazilian citizen