

Fernando Mocelin Machado

CFTA | CRA-RS | CREA-RS | PMI

Academic Coordinator and Professor | PhD Candidate in Data Science and Artificial Intelligence | Technology, AI and Vocational Education

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Profile

Academic Coordinator (IT and Agribusiness) and professor at Senac Erechim, responsible for the pedagogical planning of 5 technical programs, including the Artificial Intelligence Technician program, and for the AI Tools course. PhD candidate in Data Science and Artificial Intelligence at UTEL, Mexico, with a master's degree in Information Technology Management.

Focus Areas

- Academic coordination of IT and Agribusiness
- Vocational and technological education
- Applied artificial intelligence and data science
- Systems development and software engineering
- Computing, support, infrastructure and networks
- Cloud, information security and privacy
- Agile methods and project management
- Agribusiness, digital transformation and applied technologies
- AI tools and professional training
- Applied computing for Marketing
- Development of technical and socio-emotional skills

Languages

Portuguese (native), Spanish (fluent) and English (advanced).

Academic Background

2026-Present	PhD (in progress) *Data Science and Artificial Intelligence*	UTEL, Mexico
2026-2027	MBA (in progress) *Higher Education Institution Management*	Unopar
2026	Postgraduate Specialization *Higher Education Teaching*	Unopar
2025-2026	Postgraduate Specialization *Teaching in Vocational and Technical Education*	Anhanguera
2024-2026	Master's Degree *Information Technology Management*	UTEL, Mexico
2020-2021	Postgraduate Specialization *Project Management*	FGV EBAPE
2018-2020	Postgraduate Specialization *Software Engineering*	PUC Minas
2015-2017	Undergraduate Degree *Technology in Systems Analysis and Development*	IFRS Campus Sertão
2009-2013	Undergraduate Degree *Agribusiness Technology*	IFRS Campus Sertão
2006-2009	Technical High School Diploma *Agricultural Technician*	Escola Agrotécnica Federal de Sertão

Academic and Teaching Experience

2026-Present — Academic Coordinator (IT and Agribusiness) and Professor — Senac Erechim, RS

Coordination of 5 technical programs (5,800 h): AI, Systems Development, Computing, Maintenance and Support, and Agribusiness. Takes part in implementing the 2027 curricula (machine learning, deep learning, NLP, computer vision and AI ethics). Responsible for AI Tools (36 h), the Applied Computing unit (28 h) of the Marketing program and digital citizenship courses (Office, LGPD, ECA Digital).

Academic Projects and Activities

2026-Present	Researcher, Applied Computing research group (CNPq) | IFRS Campus Sertão
2016-2018	Member of the teaching project Confraria da Lógica | IFRS Campus Sertão

Applied Professional Experience

2023-Present — Global Chief Operating Officer (COO) — NSH Technologies

Technology operations and digital transformation across Latin America, EMEA and North America, with adoption of generative AI and automation.

2022-Present — Founder and CEO — Solutiva

Consultancy operating in AI-enabled digital transformation, process automation, custom software, digital compliance and strategic management.

2021-2023 — Chief Operating Officer \| Head of Digital Commerce — NSH Technologies

Built the digital commerce area and its delivery and governance processes.

2017-2021 — Senior Project Manager — Compass UOL

E-commerce and integration projects for large enterprises.

2011-2017 — Earlier Experience — IFRS, Zanatta, Sicredi, COOPERA

Systems development, agricultural production, business and cooperatives.

Certifications and Complementary Education

Education and technology

2026-2027	Microsoft Elevate Educator Expert | Microsoft
2026-Present	Minecraft Education Ambassador | Microsoft
2026	Microsoft Copilot Prompt-a-thon for School Leaders | Senac

Artificial Intelligence, Cloud and Security

2025	Oracle Cloud Infrastructure 2024: AI Foundations and Foundations Associate
2024	PMI | Generative AI applied to project management
2026	Digital Security Awareness | Cisco Networking Academy

Management and innovation

2025	Organizational Leadership & Management Specialization | Northwestern University
2025	Entrepreneurial Finance: Strategy and Innovation | Duke University
2025	Google Project Management Professional Certificate | Google
2026	EducaTRI | Responsible AI, prompt engineering, innovation and compliance