

EDUCATION	University of Alberta Edmonton, Canada <i>M.Sc. in Computing Science</i> 2024 - 2026 (expected) - Advisors: Marlos C. Machado and Erin J. Talvitie (<i>Harvey Mudd College</i>). - Research area: Reinforcement Learning (RL). - GPA: 3.90/4.00.
	Universidade Federal do Rio de Janeiro — UFRJ Rio de Janeiro, Brazil <i>B.E. in Electronics and Computer Engineering</i> 2016 - 2022 Final Project: Applying Vision Transformers for Pathology Classification in X-Ray Images.
ACADEMIC EXPERIENCE	Teaching Assistant University of Alberta 2024 – Present - Fall 2024 and Fall 2025: CMPUT 365 — Reinforcement Learning. - Winter 2024: CMPUT 267 — Machine Learning I.
	Undergraduate Researcher, Signal Processing Lab UFRJ 2020 – 2021 Built a hierarchical mixture-of-experts architecture with One-Class SVMs, achieving an F1 score of 0.91 in detecting SOP violations and setting a new quality-control benchmark in public-health image digitization.
	Undergraduate Researcher, Control and Automation Lab UFRJ 2018 – 2019 - Developed an SPI data interface between AVR microcontrollers, facilitating low-level control of thrusters, cameras, and sensor systems of an ROV. - Designed PCBs to power and control the ROV.
	Team Lead, MinervaBots Robotics Team UFRJ 2017 – 2020 - Led the team to win 17 trophies in 6 categories over three years. - Secured second place among American teams in the autonomous category at the 2019 All Japan Robot-Sumo Tournament in Tokyo.
	Senior Machine Learning Engineer Hurb 2021 - 2024 - Led a company-wide experimentation program by implementing feature flags and A/B testing frameworks. - Designed and deployed a contextual bandit recommendation system across 200k+ hotels. - Developed and deployed LLM-based solutions that achieved 88% accuracy in predicting lawsuit outcomes while automating multiple manual tasks and boosting legal department efficiency by 350%. - Created computer vision solutions using CLIP-like models for hotel image tagging and aesthetic scoring, improving user engagement by delivering context-aware, visually appealing content.
PROFESSIONAL EXPERIENCE	R&D Engineer (Internship) TechnipFMC 2021 Designed PCBs for a subsea robotic manipulator used on oil-field manifolds.
	Data Scientist (Internship) Murabei Data Science 2020 – 2021 Developed a credit-risk assessment model achieving 98% accuracy on data from 800k companies by designing and training ensemble models using economic and socio-demographic data.
ACADEMIC SERVICES	Reviewer for: <i>Reinforcement Learning Conference (RLC)</i> .