Bruno Artacho

APPLIED AI LEAD · FOUNDER · RESEARCHER

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SUMMARY

Applied AI leader and researcher with a decade of experience spanning Big Tech (Amazon, Google), federal ML (Transport Canada), and startup leadership. PhD in Electrical & Computer Engineering from RIT with 20+ peer-reviewed publications, 500+ citations, and one patent. I design and ship agentic AI platforms — typed multi-agent orchestration, retrieval-augmented pipelines, and responsible-AI evaluation — and translate research into production systems. Currently Applied AI Lead & Principal Scientist at Wizard AI and founder of Athlete Space, a vertical AI product for endurance athletes.

EXPERIENCE

Applied AI Lead & Principal Scientist · Wizard AI

Nashville, TN (Remote) · March 2025 — Present

- Architected a typed, multi-agent orchestration platform powering autonomous reasoning, retrieval-augmented generation, and responsible-AI evaluation.
- Led design of production LLM systems with 99% task-level accuracy at sub-600 ms P95 latency.
- Reduced manual content and workflow maintenance by >90% through agentic automation and intent-routed specialist pipelines.
- Set the technical roadmap for AI quality, evaluation, and governance; owned the technical narrative with leadership and the board.
- Partnered across product, infrastructure, and customer-facing teams to translate applied research into revenue.

Founder · Athlete Space

Nashville, TN · 2025 — Present

- Founded a vertical AI product for endurance athletes. Built the full stack: typed multi-agent orchestrator on an LLM backbone, grounded in CTL/ATL/TSB training-load science.
- Shipped coaching pipelines (Planner, Advisor, Evaluator, Verification, Reply Synthesiser) with deterministic sports-science guardrails and per-athlete feature-flagged rollout.
- Owner of research, architecture, engineering, and go-to-market.

Applied Scientist II · Amazon

Boston, MA · 2021 — 2025

- Delivered production ML systems across search, retrieval, and large-scale ranking.
- Designed and shipped models serving hundreds of millions of customer-facing requests.
- Partnered with engineering, product, and science leadership to take research from prototype to global launch.

AI & ML Researcher · Google

Mountain View, CA · 2020

- Research role on applied machine learning and computer vision, focused on multi-scale feature aggregation and perception systems.

Software Engineer — Applied ML · Transport Canada

St. John's, NL (Federal Government of Canada) · January 2017 — October 2018

- Built applied-ML systems for aviation safety, including unmanned-aircraft collision simulation and risk modelling.
- Delivered software used by federal regulators to evaluate operational safety cases.

EDUCATION

Ph.D., Electrical & Computer Engineering · Rochester Institute of Technology

Rochester, NY · 2018 — 2022 · GPA 3.96

Dissertation: *Unified and Multi-Scale Architectures for Human Pose Estimation.* Advisor: Prof. Andreas Savakis. Published in CVPR, IEEE TPAMI, BMVC, and MDPI Sensors.

M.Eng., Electrical Engineering · Memorial University of Newfoundland

St. John's, NL, Canada · 2016 — 2017 · GPA 4.00

Thesis in applied machine learning and signal processing.

B.Eng., Electrical Engineering · UNESP (São Paulo State University)

Brazil · 2010 — 2015

Exchange year at the University of Toronto, Canada.

SELECTED RESEARCH

- **UniPose: Unified Human Pose Estimation in Single Images and Videos** — Artacho & Savakis. CVPR 2020.
- **UniPose+: A Unified Framework for 2D and 3D Human Pose Estimation** — Artacho & Savakis. IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI), 2021.
- **OmniPose: A Multi-Scale Framework for Multi-Person Pose Estimation** — Artacho & Savakis. BMVC 2021.
- **Full-BAPose: Bottom-Up Framework for Full Body Pose Estimation** — Artacho & Savakis. MDPI Sensors, 2023.

20+ peer-reviewed publications · 500+ citations · 1 patent in applied AI.

SELECTED SKILLS

AI / ML: Agentic systems, multi-agent orchestration, LLM application design, RAG, responsible-AI evaluation, computer vision, deep learning, human pose estimation.
Engineering: Python, FastAPI, PyTorch, PostgreSQL, Redis, distributed systems, production ML pipelines, MCP-based tool servers.
Leadership: Technical strategy, team building, research-to-product translation, investor and board communication.