

Curtis Forbes, PhD

Citizenship: Canadian · **Location:** Edmonton, Alberta, Canada

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Portfolio: curtisforbes.com · **GitHub:** github.com/gamedaysuits

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PROFILE

Philosopher of science turned manufacturing executive turned AI developer. PhD from the University of Toronto, six years running a 130-person manufacturing operation in the Philippines, and over a year of intensive AI-directed software development. Currently building open-source localization and machine translation tooling, with a particular focus on low-resource and Indigenous languages.

PROFESSIONAL EXPERIENCE

Founder, CEO — Game Day Suits Ltd. · Edmonton, Canada

2025–present

- Personal corporation. Canadian importer of custom menswear and accessories, leveraging strategic partnerships with tailoring operations in Bangkok, Thailand and a studio in Olongapo City, Philippines.
 - Enterprise consultancy and AI-assisted software development. Contracted by businesses including Australian Farm Innovations (Philippines) and Fairfolk Farm (Canada) to advise on technology adoption and AI integration.
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President — International Recreation Corporation (IREC), a subsidiary of International Play Company · Subic Bay, Philippines

2022–2025

- Executive leadership of a commercial play equipment design, manufacturing, and installation company serving international markets across 20+ countries from Europe to Asia to the Americas and the Middle East.
 - Managed 130+ employees across 9 departments: production, warehouse, detailing, installation, purchasing, shipping & logistics, sales, human resources, and accounting.
 - Led COVID-19 restructuring: reduced staff from 130 to 30 employees while preserving manufacturing capacity, improving profitability, and continuing to meet all international delivery obligations.
 - Built costing models, production workflows, and documentation standards across a 5,000+ SKU product library.
 - Formalized institutional knowledge to eliminate single-point-of-failure dependencies on key personnel.
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General Manager — IREC, a subsidiary of International Play Company · Subic Bay, Philippines

2019–2022

- Returned to restructure operations following private acquisition of iPlayCo (TSX-V) by an IREC customer, with plans to transition all manufacturing to the Philippines.
- Continued improving efficiency and productivity through the pandemic and a global industry downturn.
- International labor market management — recruited, trained, and retained a skilled workforce in a developing economy with limited access to specialized manufacturing talent.

- Supply chain risk mitigation during pandemic-era commodity disruption — maintained operations and client commitments through global shipping crises, raw material shortages, and sustained lockdowns.
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Private Tutor — Tutors International

2017–2019

- Contracted as a specialist educator (“super tutor”) for a post-secondary student, based on experience, ability, and personality matching by Tutors International’s placement team. UHNW family environment requiring high discretion and adaptability.
 - Delivered full-time, live-in academic support including diagnostic assessment, individualized curriculum design, and adaptive pedagogy.
 - Contract renewed for a second year after transformative academic performance improvements.
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Co-Founder, Director of Operations, CFO — International Recreation Corporation (IREC) · Subic Bay, Philippines

2013–2016

- Co-founded and built a playground equipment manufacturing company in the Subic Bay Freeport Zone, Philippines.
 - Worked on-the-ground during startup (2013–2014), then supervised general operations remotely while completing doctoral work.
 - Sourced materials and equipment, defined manufacturing standards, created costing models, generated production and shipping timelines, and monitored order delivery across international markets.
 - Grew the business from 7 employees to 40+ in under three years with minimal capital investment.
 - Company acquired by International Play Company (iPlayCo, TSX-V) in 2016.
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Co-Founder — Jewelry Empire · Philippines

2021–present

- Co-founded a jewelry live-selling retail operation. \$2.5M+ USD annual revenue on a ~\$100K initial investment at 66% equity.
 - Continues to grow while paying dividends, under the management of my equity partner.
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SOFTWARE & AI PROJECTS

Champollion — Open-Source Localization & MT Evaluation Framework

2026–present · npm · GitHub · mtevalarena.org

NPM-published localization framework (formerly i18n-rosetta) with plugin architecture for community-contributed machine translation methods. 650+ tests, zero dependencies. Companion evaluation arena at mtevalarena.org for systematically comparing MT methods across shared corpora — scoring, hashing, and surfacing results in a data explorer. Includes crk-translate, an FST-gated Plains Cree MT pipeline combining deterministic morphological verification with LLM-based semantic reasoning, built to OCAP-informed data-sovereignty principles — no community data included, with community consultation planned before any release.

AFI Quote Machine — Enterprise Industrial Configurator

2025–2026

Deterministic industrial equipment configurator designed and built for a turn-key farm equipment provider (Australian Farm Innovations). Data-driven calculation engine with provenance-traced logic and integrated

AI chatbot for user guidance. Next.js, React, Supabase, logic-as-data architecture. Client adopted the methodology and deployed internally.

Dixie Flatline — Voice-First AI Application · dixieflatline.ai

2026

Voice-first application running on Mistral Large 3 (inference) and Voxtral Mini (TTS). 3D volumetric frontend with Next.js, React Three Fiber, and Web Audio API. Context engineering with persona persistence and session-aware prompt structures.

The Collider — GPU-Driven 3D Portfolio · curtisforbes.com

2025–2026

Personal portfolio built as a GPU-driven 3D web application. React Three Fiber, custom shaders, dynamic scene composition. Localized into 200+ languages using the Champollion framework.

GDS AI Playoff Draft — Novel AI Benchmark

2025–2026

A deautomated, non-trainable benchmarking system for comparing AI model performance. Multi-AI orchestration with podcast generation. Applies decision-theoretic modeling to evaluate competing strategies under uncertainty.

EDUCATION

University of Toronto — PhD

2017 · Institute for the History and Philosophy of Science and Technology

Dissertation: A Pragmatic, Existentialist Approach to the Scientific Realism Debate

Supervisor: Dr. James Robert Brown

University of Victoria — MA

2008 · Department of Philosophy

Kenneth Rankin Prize for Best MA Thesis

University of Alberta — BA (with Distinction)

2006 · Faculty of Arts (Philosophy Major, Sociology Minor)

ACADEMIC CAREER

Teaching

Course Instructor — University of Toronto (2011–2016)

HPS210: Scientific Revolutions I · HPS302: Topics in Philosophy of Science · HPS211: Scientific Revolutions II · HPS350: Revolutions in Science

Teaching Assistant — University of Toronto (2008–2016)

7 courses including Philosophy of Science, Symbolic Logic, Science & Values, and Technology in the Modern World

Publications

(under review, 2026) “A Decision Theoretic Approach to the Scientific Realism Debate,” *Synthese*

(2024) “The Pragmatic Turn in the Scientific Realism Debate,” *Synthese* (with Sandy Boucher)

(2018) “Editor’s Introduction: The Future of the Scientific Realism Debate,” *Spontaneous Generations*

(2017) “A Pragmatic, Existentialist Approach to the Scientific Realism Debate,” *Synthese*

(2013) Book Review: Radder’s *The Commodification of Academic Research, Metascience*

(2011) “Editor’s Introduction: Science and Public Controversy,” *Spontaneous Generations*

(2009) Book Review: van Fraassen’s *Scientific Representation*, *Spontaneous Generations*

Selected Presentations

(2024) **Keynote:** “To be (or not to be) a Scientific Realist” — Bern, Switzerland

(2020) “The Pragmatic Turn in the Scientific Realism Debate” — Hobart, Australia (with Sandy Boucher)

(2018) “Against van Fraassen’s Historical Defence of Constructive Empiricism” — CSHPS, Regina

(2016) “Searching for Philosophy of Science’s Trolley Problem” — Dubrovnik, Croatia

(2016) “The Normative Implication of Philosophy of Science” — Indianapolis, USA

(2015) “A Defence of the Practice of ‘Muzzling’ Scientists” — Toronto, Canada

(2014) “An Existential Approach to Scientific Realism” — Cape Town, South Africa

Grants & Awards

Year	Award	Amount
2012	Ontario Graduate Scholarship	\$18,500
2010–2012	SSHRC Doctoral Fellowship	\$40,000
2010	Ontario Graduate Scholarship (declined)	\$18,500
2008	Kathleen Coburn Graduate Entrance Scholarship (U of T)	\$5,000
2007–2008	Joseph-Armand Bombardier Canada Graduate Scholarship (SSHRC)	\$17,500
2008	Kenneth Rankin Prize for Best MA Thesis (UVic Philosophy)	—

Service

Peer Review: *Philosophy of Science* · *Erkenntnis* · *Synthese* · *International Studies in the Philosophy of Science* · *Journal of Philosophical Research* · *Science & Education* · *Spontaneous Generations*

Conferences: Canadian Philosophical Association · CSHPS · HAPSAT Graduate Conference

Journal Editing: Managing Editor, *Spontaneous Generations* (2010, 2018)

Conference Organization: HAPSAT Graduate Conference (Organizer, 2012) · Canadian Science Policy Centre (Committee Member, 2011; Co-Chair, 2010)

AFFILIATIONS

Charter Member, Rotary Club of Manila Expats — network of SME operators and business leaders across Southeast Asia, regularly advising on cross-border operations and market entry.

REFERENCES

John Januszcak — Former CEO, UBX (UnionBank Fintech) · john@januszcak.org

Rhovie Pelayo — Operations Manager, IREC · rhoviepelayo@gmail.com

Wayne Bull — President, Fibreglass Pool Factory · wayne@fibreglasspools.ph

Brandon Piche — Owner and Operator, Primary Heating · brandon@primaryheating.net

Anjan Chakravartty — Appignani Foundation Chair, University of Miami · chakravartty@miami.edu

Adam Caller — Founder and Director, Tutors International · adam.caller@tutors-international.com