Behrang Mehrparvar, Ph.D.

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AI Futurist · Innovation Leader · Creative Technologist
Netherlands | [LinkedIn](#) | [Website](#) | [Medium](#) | [Synaptosearch](#) |

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Vision Statement

I am an **AI futurist and strategist** who helps organizations anticipate transformative shifts in AI and design **human-centered futures**. My career spans **academic research, industry R&D, and independent innovation**, always focused on the **big picture of intelligence**: how to represent it, extend it, and align it with human flourishing.

I thrive in **innovation labs, think tanks, and cross-disciplinary environments** where unconventional ideas become prototypes, narratives, and strategies.

Core Expertise

- **AI Futures & Strategy**: Trend analysis, foresight, scenario building
- **Generative & Cognitive AI**: Transformers, associative memories, hybrid human–AI systems
- **Innovation & Leadership**: Founder of Synaptosearch, builder of experimental prototypes
- **Cross-Disciplinary Creativity**: AI + philosophy, art, cognition, ethics, and collective intelligence
- **Communication & Influence**: Published thinker, speaker, and narrative shaper on AI and consciousness

Leadership & Innovation Roles

Founder & Research Lead — Synaptosearch *(2024–Present)*

- Independent research & innovation platform.
- Leading projects on **AI-generated human language**, **associative-memory-based AI engines**, and **adaptive scaffolding AI**.
- Advisory and consultancy for organizations seeking **visionary AI directions**.

Senior AI Researcher — Hamrahe Aval (MCI) *(2021–2023)*

- Designed **transformer-based NLP systems** for large-scale search engines.
- Introduced **semantic query expansion/reduction** strategies.
- Applied **reinforcement learning for optimization** in real-world systems.

AI Researcher — Afagh Company *(2017–2021)*

- Developed **AI-driven cybersecurity evaluation tools** using GANs, RL, GA.
- Bridged academic insight with product-focused impact.

Researcher & Innovator — Academic Collaborations *(2012–Present)*

- Explored **interbrain synchrony** for collaboration.
- Published widely on **AI interpretability, representation, and philosophy of mind**.

Selected Thought Leadership Outputs

- **Medium essays** on AI, consciousness, synchronicity.
- **PsyArXiv preprint (2025)**: *Consciousness: war, and peace!*
- **Conference talks**: Cognitive Science & AI futures, Philosophy of Mind frameworks.
- **ACL workshop paper (2024)** on LLM ambiguity.

Education

- **M.Sc. (expected 2025), Brain & Cognitive Sciences** — University of Amsterdam
- **Ph.D., Computer Science** — University of Houston (2017)
- **M.Sc., Computer Engineering** — Iran University of Science & Technology (2011)

Strengths & Unique Value

- **Visionary foresight**: Early advocate of deep learning before mainstream recognition.
- **Cross-disciplinary fluency**: Bridges AI with philosophy, neuroscience, and society.
- **Creative leadership**: Founder, innovation driver, independent advisor.
- **Narrative impact**: Shapes conversations on AI futures through writing and speaking.