

Dr Anita Lilla Verő

ENTREPRENEUR, PHD IN AI, SENIOR AI RESEAR ENGINEER, MANAGER, SINGER, WRITER.

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Summary

As an Entrepreneur, Writer, Musician, and AI Research Engineer, I thrive on blending technical expertise with creative pursuits.

My purpose lies in bringing out the best in human connections and communities. I pursue this in two ways: first, by leveraging technology for positive impact and advocating responsible development; and second, by fostering trust-based communities and work environments through leadership, tapping into intrinsic motivation, and designing incentive structures that enable healthy, productive collaboration.

I hold a PhD in Multimodal Natural Language Processing from the University of Cambridge. My career has spanned research, engineering, strategy, project leadership, team mentorship, and management, working with diverse data types including text, images, video, speech, and audio.

(The latest CV at all times is available [here](#).)

Experience

Latom

FOUNDER, CEO

Cambridge (United Kingdom)

July 2025 -

The Multimodal Interface that lets you co-create with AI.

Founders at the University of Cambridge – SYNC Accelerator

FOUNDER

Cambridge (United Kingdom)

Nov 2024 - May 2025

- Building technology that benefits society.
- Selected as one of 32 from a pool of 162 applications.

ConsonantAI

FOUNDER, CONSULTANT

London (United Kingdom)

April 2024 -

- Help companies to develop AI products, strategy and content, in a future proof and ethical way.
- Advise and educate creatives and knowledge workers on thriving in the AI era.
- Worked with 20+ companies on AI strategy.
- Managing a team of Machine Learning Engineers, Researchers, developers and product stakeholders in Machine Learning projects from conceptualisation to delivery.
- See [one-pager](#) offering and references at www.consonant-ai.com

The Third Thing

COMMUNITY ORGANISER

London (United Kingdom)

Jan 2024 -

The Third Thing's aim is to help us cultivate lifestyles for maintaining social and mental well-being in a remote, digital environment we didn't come prepared for. The dream is to transform the way we use technologies for online communication and organising offline experiences from a distance.

Read more in the [project launch article](#) [here](#).

Unitary

SENIOR MACHINE LEARNING RESEARCH ENGINEER, MANAGER, WRITER

London (United Kingdom)

March 2023 - Dec 2023

- Researching / developing multi-modal video understanding models. Our latest LLM based model got into best of ICCV 2023 magazine ([paper](#)).
- Developing evaluation and data pipeline; managing, analysing data sources.
- Managing, hiring, creating on-boarding process.
- Developing the company's product/research strategy, regarding the state of AI and AI regulation.
- Visibility: Publishing papers, presenting at conferences, giving talks at events, writing [blog posts](#). E.g., [poster](#) at ICCV 2023.
- Following upcoming AI regulations, visiting conferences (e.g. AIES, London AI Governance Talks, AI Summit Talks, ICCV) and writing about them.

Unitary

MACHINE LEARNING RESEARCH ENGINEER

London (United Kingdom)

May 2022 - March 2023

- Researching and developing multi-modal video understanding models with a special focus on harmful content detection.
- Developing Data Pipeline from annotation to evaluation.
- Visibility: Giving talks (E.g. Talk on Responsible AI at the University of Cambridge Institute of Astronomy (Dec 2022), writing [blog posts](#)).

O'Neil Risk Consulting & Algorithmic Auditing (ORCAA)

VOLUNTEER RESEARCHER

USA (remote)

Feb 2022 - Apr 2022

- Researching systems which infer sensitive characteristics to detect social bias.

Crimson Research Institute

MENTOR

United Kingdom (online)

Sep 2021 - May 2022

- Mentoring an undergraduate student on an AI research project.

Private Tutoring

TUTOR IN COMPUTER SCIENCE, PROOFREADING PHD APPLICATIONS

United Kingdom

Oct - Dec 2019

Machine Learning and Real-world Data Course

LAB DEMONSTRATOR

- Part IA CST course at Computer Laboratory, University of Cambridge.

Cambridge, United Kingdom

2017

Supervisor at University of Cambridge

CO-SUPERVISOR

- I co-supervised a Master student, on his thesis project in multimodal semantics. He got distinction and later a PhD in our group.

Cambridge, United Kingdom

2016 - 2017

German Research Center for Artificial Intelligence (DFKI)

GUEST RESEARCHER

- Kognit project: Cognitive Models and Mixed Reality for Dementia Patients.
- Image-based representation of phrases towards a goal-oriented, symbol-based dialogue system.

Saarbrücken, Germany

Jan - March 2015

Neural Information Processing Group

RESEARCHER, PROJECT MANAGER

- Project Manager and Research Engineer. Organised experiments with human participants with special needs.
- Natural Language Generation from pictorial symbols supporting Augmentative and Alternative Communication.
- Neural network model for fast estimation of structured sparse code.
- Semantic grounding in a 3D virtual environment.
- Sentiment analysis from linguistic and multimodal features.
- MediaWiki collaborative content management system in the EuRoSurge (European Robotic Surgery) Project.

Budapest, Hungary

2012 - 2015

MorphoLogic

R&D INTERN IN NATURAL LANGUAGE PROCESSING

- Information Retrieval using the WordNet ontology in C++ programming language.

Budapest, Hungary

Jun - Aug 2010

Writing & Media

Articles

WRITER

- [Blog](#) on Responsible AI, mental health, management and other topics. My summary of Twitter's First Algorithmic Bias bounty challenge was published in [Codex](#).
- Marketing articles: [AI and creativity](#), [Data driven Ethics](#)
- [Linkedin](#) articles - education, marketing

Medium

2019 - Present

Music, Poetry, Video

MUSICIAN, WRITER, RESEARCHER, DIRECTOR, ACTOR

- "Augmentative and Alternative Communication and Telepresence" video that won the Best Student Video Award at AAAI Video Competition.
- Music: [SoundCloud](#)
- Poetry: "The Cassette of Confinement"

YouTube, Soundcloud, AAAI

2014 - Present

Interviews

RESEARCHER, PROJECT LEAD

- [index.hu](#): one of the biggest Hungarian news portals. – AAC Telepresence system
- Hungarian RTL Klub news. – AAC Telepresence system
- Novum innovation and technology programme of the Budapest TV channel. – AAC Telepresence system

News Papers, Television

2014

Education

University of Cambridge

PHD IN AI (MACHINE LEARNING – MULTIMODAL NLP)

- Thesis: Transparent Analysis of Multi-Modal Embeddings

Cambridge, United Kingdom

2015 - 2022

Eötvös Loránd University

MSC IN COMPUTER SCIENCE

- Information Systems · Grade Outstanding

Budapest, Hungary

2012 - 2014

Eötvös Loránd University

BSC IN COMPUTER SCIENCE

- Grade Excellent

Budapest, Hungary

2009 - 2012

Skills

Programming	Python, MATLAB, SQL, \LaTeX , HTML, CSS, MaterialUI, React
Scientific Computing	PyTorch, Lightning, LLMs, PyTorch DDP, Numpy, Scipy, Scikit Learn, NLTK, OpenCV, TensorBoard, SpaCy
DevOps	Anaconda, Pytest, PDB, Git, AWS, SLURM, WandB
Project Management	Shortcut, GitHub, Notion, Confluence
Languages	Hungarian (native), English (full proficiency), German (intermediate)
Media	Singing, Guitar, Writing, Music Production (Logic Pro, iMovie)

Extracurricular Studies

Johns Hopkins University

PRINCIPLES OF MANAGEMENT

Online

2024

Berklee

THE ART OF MUSIC PRODUCTION

Online

2024

City University of London

SHORT STORY WRITING

Online

2023

California Institute of the Arts

SHARPENED VISIONS: A POETRY WORKSHOP

Online

2021

Santa Fe Institute

INTRODUCTION TO COMPLEXITY

Online

2018

RegML Summer School

REGULARIZATION METHODS FOR MACHINE LEARNING

Genoa, Italy

2016

Lisbon Machine Learning Summer School

MACHINE LEARNING AND NLP · LEARNING WITH BIG DATA

Lisbon, Portugal

2014

Stanford University

MACHINE LEARNING · INSTRUCTOR: ANDREW NG

Online, Coursera

2014

Awards

2023	Best of ICCV 2023 Magazine , poster and extended abstract	Paris, France
2014	Best Student Video Award , AAAI Video competition	Québec, Canada
2014	Award of the Challenge Handicap & Technologies , Réseau Nouvelles Technologies APF conference (for our Telepresence system)	Lille, France
2013	Third Prize , National Conference of Student's Scholarly Circles (OTDK)	Budapest, Hungary

Communal Activity

Women@CL

MENTORING OFFICER AND REPRESENTATIVE IN THE CAMBRIDGE COMPUTER LABORATORY'S GRADUATE FORUM OF WOMEN@CL

Cambridge, United Kingdom

2017 - 2018

- Women@CL is an organisation to support women in computer science. It involves a mentoring system and provides representation of role models by organising talks and conferences.

- Weekly seminar series in NLP and Machine Learning related topics

Academic Publications

The Goya Network: Visualizing and Mapping the Social Connections of Goya in 19th-Century Spain and France , Paula Fayos-Pérez, Anita L. Verő, MIT Professional Education (under publishing)	<i>MIT Professional Education 2025</i>
Language as the Medium: Multimodal Video Classification through text only , Laura Hanu, Anita L. Verő, James Thewlis, ICCV 2023, Paris, France - Best of ICCV 2023 Magazine	<i>ICCV 2023</i>
Transparent analysis of multi-modal embeddings (PhD Thesis) , Anita L. Verő, University of Cambridge, Computer Laboratory, 2022	<i>Cambridge 2022</i>
Efficient Multi-Modal Embeddings from Structured Data , Anita L. Verő and Ann Copestake, arXiv:2110.02577	<i>arXiv 2021</i>
Deconstructing Multimodality: Visual Properties and Visual Context in Human Semantic Processing , Christopher Davis, Luana Bulat, Anita L. Verő and Ekaterina Shutova, *SEM2019, Minneapolis, USA	<i>*SEM2019</i>
Modelling Visual Properties and Visual Context in Multimodal Semantics , Christopher Davis, Luana Bulat, Anita L. Verő and Ekaterina Shutova, NIPS 2018, Montreal, Canada	<i>NIPS 2018</i>
Virtual Embodiment: A Scalable Long-Term Strategy for Artificial Intelligence Research , Douwe Kiela, Luana Bulat, Anita L. Verő and Stephen Clark, NIPS (MAIN) 2016, Barcelona, Spain	<i>NIPS 2016</i>
Comparing Data Sources and Architectures for Deep Visual Representation Learning in Semantics , Douwe Kiela, Anita L. Verő and Stephen Clark, Proceedings of the Empirical Methods in Natural Language Processing Conference (EMNLP 2016) Austin, Texas	<i>EMNLP 2016</i>
Columnar Machine: Fast estimation of structured sparse code , András Lőrincz, Zoltán Á Milacski, Balázs Pintér, Anita L. Verő Biologically Inspired Cognitive Architectures, 2015	<i>BICA 2015</i>
Maintain and Improve Mental Health by Smart Virtual Reality Serious Games , András Sárkány, Zoltán Tóser, Anita L. Verő, András Lőrincz, Takumi Toyama, Daniel Sonntag. Proceedings of the 5th International Symposium on Pervasive Computing Paradigms for Mental Health, LNCS Springer, 2015	<i>MINDCARE 2015</i>
Towards a Smart Wearable Tool to Enable People with SSPI to Communicate by Sentence Fragments , Gyula Vörös, Anita L. Verő, Takumi Toyama, András Lőrincz, Balázs Pintér, Brigitta Miksztai-Réthey, Daniel Sonntag. Proceedings of the International Symposium on Pervasive Computing Paradigms for Mental Health, LNCS Springer, 2014	<i>MINDCARE 2014</i>
Mobile AAC Solutions using Gaze Tracking and Optical Character Recognition , Gyula Vörös, Brigitta Miksztai-Réthey, Anita L. Verő, Takumi Toyama, Jason Orlosky, Daniel Sonntag, András Lőrincz. 16th Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), 2014	<i>ISAAC 2014</i>
Gaze Tracking and Language Model for Flexible Augmentative and Alternative Communication in Practical Scenarios , Anita L. Verő, Brigitta Miksztai-Réthey, Gyula Vörös, Ádám Zsigmond, Balázs Pintér, Takumi Toyama, Jason Orlosky, Daniel Sonntag, András Lőrincz. 16th Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), 2014	<i>ISAAC 2014</i>