

Diego DORN

Research Engineer

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A self-taught **research engineer** with 90+ public repositories on GitHub who likes to work with humans, learn, and create good tools that are actually useful for others.

His last projects where on the mitigation of **systemic risks** from **general-purpose artificial intelligence** systems (research, engineering, teaching)

WORK EXPERIENCE

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| Paris 🇫🇷 Feb. – Aug. 2024 | 🌟 Research engineer at CeSIA (French Center for AI safety) Lead the design of benchmarks to evaluate jailbreak and hallucination detectors for LLMs, red-teamed input-output safeguards. Published “ BELLS: A Framework Towards Future Proof Benchmarks for the Evaluation of LLM Safeguards ” in the NextGen AI Safety workshop at ICML 2024. |
| Across Europe 🇪🇺 Aug. 2023 – present | 🌟 Head Teacher for four ML4Good, a summer school on systemic AI risk (ml4good.org) Delivery and improvement of 10 days of technical and conceptual workshops for ~20 participants, covering threat modeling, technical safety and AI policy. Management of the teaching team of 2~3. |
| Cambridge 🇬🇧 July – Sep. 2023 | Research assistant, Machine Learning Group, Cambridge University Research on goal misgeneralisation in Reinforcement Learning (RL) with N. Alex and D. Krueger. Published “ Goal Misgeneralization as Implicit Goal Conditioning ” in the GCRL workshop at Neurips 2023 |
| Lausanne 🇨🇭 Jan. 22 – May 23 | Lead developer for the startup SPRIG (sprigproofs.org) Developing a distributed platform to increase confidence in mathematical proofs. |

EDUCATION

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| Lausanne 🇨🇭 Sep. 21 – Aug. 2024 | Master’s in Communication Systems, Ecole Polytechnique Fédérale de Lausanne (EPFL) Focus on artificial intelligence, formal verification and advanced algorithms. Minor in Mathematics. Obtained with an average of 5.59/6 and the maximum grade for the master thesis. |
| Interlaken 🇨🇭 July 2023 | Summer school “Science and Policy – How to bridge the gap?” 5 days on science for policy, science communication, open science and the Swiss policy landscape. |
| London 🇬🇧 May – June 2023 | ARENA, Alignment Research Engineer Accelerator (arena.education) 6 weeks intensive training on interpretability, RL and training at scale. |
| Lausanne 🇨🇭 Sep. 18 – July 2021 | Bachelor’s in Mathematics at EPFL Passed with a 5.42/6 average and top 5/100 of my year. |

VOLUNTEERING

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| Lausanne 🇨🇭 Sep. 22 – March 24 | 🌟 Founder and President of the Safe AI Lausanne student association Led a team of 8 through the design of a strategy, resulting in a 10-day winter school on systemic AI risks, 3 talks and 2 panel discussions with a total of 10 experts, and giving a talk for TEDxEcublens. |
| Lausanne 🇨🇭 Sep. 20 – Sep. 21 | President of CQFD, the mathematics students’ association of EPFL Management of a team of 14 people, dialogue with the direction of the faculty. |

AWARDS & EXTRA

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| Bruxelles 🇧🇪 February 2024 | 🌟 1st place in the hackathon the “Digital Services Act RAG Race” Creation of a Q&A system for questions on the DSA based on open-source models, in a team of 3, during a 7 hours hackathon organised by the PEReN and the European Commission. |
| Earth 🌍 2014 – present | Game development, tool design, websites (ddorn.fr/showcase) Creation of 10+ small games under strong time constraints and pressure for game jams, a 2D EsoLang (Asciidots), multiple software tools and websites. Teamwork and sprints. |

HARD SKILLS

🌟 **Python** (pytorch, huggingface, streamlit, click, mypy, pytest...) . 6000h
JavaScript / CSS / HTML (VueJS, TailwindCSS) 500h
Rust, C++, Scala, LaTeX 300h each
System Administration (Git, Docker, Bash, remote machines...) 200h

SOFT SKILLS

- Training in Non-Violent Communication
- Public speaking
- Native in French (C2)
- Fluent in English (C1)

