Diego DORN

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Date of birth: September 30, 1999
`cozyfractal.com` `github.com/ddorn`

EDUCATION

Master's in Communication Systems and minor in Mathematics at EPFL — Lausanne 🇨🇭
Focus on artificial intelligence, formal verification and complexity theory — *2021 – present*

Summer school "Science and Policy – How to bridge the gap?" — Interlaken 🇨🇭
Topics: science for policy, science communication, open science, swiss policy landscape — *July 2023*

ARENA, Alignment Research Engineer Accelerator (`arena.education`) — London 🇬🇧
6-weeks intensive training on interpretability, RL, training at scale + team projects — *May – June 2023*

ML for Good Bootcamp — Paris 🇫🇷
11-days AI safety camp organised by EffiSciences — *August 2022*

Bachelor's in Mathematics at EPFL — Lausanne 🇨🇭
Passed with a 5.42/6 average and top 5/100 of my year. — *2018 – 2021*

WORK EXPERIENCE

Research assistant in the Machine Learning Group, Cambridge University — Cambridge 🇬🇧
Detecting goal misgeneralization with meta-models, with N. Alex and D. Krueger — *July – September 2023*

Teacher at the ML4Good summer school — Berlin 🇩🇪
Delivery and improvement of 10 days of technical and conceptual AI safety content. — *August 2023*

Lead developper for SPRIG (`sprig.ch`) — Lausanne 🇨🇭
Developing a distributed platform to increase confidence in mathematical proofs — *2022 – 2023*

Semester projects in Mathematical Logic and Game Theory — Lausanne 🇨🇭
Guided research, supervision of Jacques Duparc — *2021 – 2022*
- *"Infinite games in the Baire space"*, Bachelor thesis, Spring 2021
- *"Between decidable logics: ω-automata and infinite games"*, Master's semester project, Spring 2022

Teaching assistant at EPFL — Lausanne 🇨🇭
TA for 11 courses (8 different) for 1st and 2nd year bachelors: — *2019 - 2021*
- *Analyse I* (real 1D analysis)
- *Analyse II* (vectorial analysis)
- *Analyse III* (complex analysis)
- *Mathematical logic*
- *Information, Calcul et Communication*
- *Programation orientée objet* (C++ OOP)
- MOOC *Introduction to C++*
- MOOC *Introduction to OOP in C++*

Game development & small projects (`cozyfractal.com/gamedev`)
Creation of 10+ small games under strong time constraints for jams, a 2-dimensional EsoLang (Asciidots)...

VOLUNTEERING

Founder of the Lausanne AI Alignment group — Lausanne 🇨🇭
Group for making AI beneficial and reducing related catastrophic risks — *2022 – present*
- Organisation of a 10-day bootcamp on AI Alignment, talks and a reading group

COO of Effective Altruism Lausanne — Lausanne 🇨🇭
Association aiming to find the best ways to help others and put them into practice — *2022 – present*

President of CQFD — Lausanne 🇨🇭
The mathematics students association of EPFL — *2020 – 2021*

Member of the national organisation committee of the TFJM² — Many places 🇫🇷
The french tournament of young mathematicians — *2020 – 2021*
- Coordination of 9 events across France, development of a new online infrastructure and external communication

SKILLS

- **Programming Languages:** Python (6000h), Rust (300h), Scala (200h), JavaScript / CSS / HTML (500h), LaTeX, C/C++ (300h), Matlab, 6502/NES assembly

- **Languages:** French (native), English (fluent), Italian & German (basics, willing to learn more)

- **Others:** climbing (since 2006), juggling (on a bike), cooking (vegan), hot chocolate