Diego DORN

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 Date of birth : September 30, 1999

`cozyfractal.com`   `github.com/ddorn`

EDUCATION

- **École Polytechnique Fédérale de Lausanne**   Lausanne 🇨🇭
  School of Computer and Communication Sciences   *2021 - present*
    - Master's in CS with a minor in Mathematics. Focus on AI, formal verification and complexity theory.

- **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*

- **École Polytechnique Fédérale de Lausanne**   Lausanne 🇨🇭
  Department of Mathematics   *2018 - 2021*
    - Bachelor's in Mathematics passed with a $5.42/6$ average and top $5/100$ of my year.

WORK EXPERIENCE

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

- **Lead developer 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

- **École Polytechnique Fédérale de Lausanne**   Lausanne 🇨🇭
  Teaching assistant   *2019 - 2021*
    - *Analyse I* (real 1D analysis)   – *Information, Calcul et Communication*
    - *Analyse II* (vectorial analysis)   – *Programation orientée objet* (C++ OOP)
    - *Analyse III* (complex analysis)   – MOOC *Introduction to C++*
    - *Mathematical logic*   – 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 TFJM^2**   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