

Diego DORN

Chemin des Triaudes, 11-120, 1024 Ecublens, Suisse

diego.dorn@epfl.ch

+33 6 95 40 21 62

Date of birth : September 30, 1999

cozyfractal.com gitlab.com/ddorn



EDUCATION

- **École Polytechnique Fédérale de Lausanne** Lausanne, Switzerland
School of Computer and Communication Sciences 2021 - present
 - Master's in CS with a minor in Mathematics. Focus on machine learning, formal verification and complexity theory.
- **École Polytechnique Fédérale de Lausanne** Lausanne, Switzerland
Department of Mathematics 2018 - 2021
 - Bachelor's in Mathematics passed with a 5.42/6 average and top 5/100 of my year
- **ML for Good Bootcamp** Paris, France
11-days AI Safety camp organised by EffiSciences August 2022

WORK EXPERIENCE

- **SPRIG** (sprig.ch) Lausanne, Switzerland
Lead developer 2022 - present
 - Developing a distributed platform to increase confidence in mathematical proofs
- **École Polytechnique Fédérale de Lausanne** Lausanne, Switzerland
Teaching assistant 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++*
- **Semester projects in Mathematical Logic and Game Theory** Lausanne, Switzerland
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
- **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, Switzerland
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, Switzerland
Association aiming to find the best ways to help others and put them into practice 2022 - present
- **President of CQFD** Lausanne, Switzerland
The mathematics students association of EPFL 2020 - 2021
- **Member of the national organisation committee of the TFJM²** France
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