UZAY GIRIT

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EDUCATION

MIT Math & Computer Science   *2022 - 2026*
Relevant Coursework 6.1220 Design and Analysis of Algorithms, 18.404 Theory of Computation, 6.S898 Deep Learning, 18.701 Abstract Algebra I, 18.702 Abstract Algebra II

Collège Sévigné, Paris   *2015 - 2022*
French International Baccalaureate, graduating with honors and perfect scores in Math, CS and Physics

TECHNICAL STRENGTHS

Computer Languages	Python, Rust, JavaScript, Ruby, C++, Crystal, Haskell
Software & Tools	Pytorch, FastAPI, Git, Rails, React, TypeScript, Flask, HTML/CSS
Interests	AI, Algorithms & Systems, Writing, Cybersecurity, Mountain Sports

PUBLICATIONS

[1] Eric Michaud, Ziming Liu, Uzay Girit, and Max Tegmark. "The Quantization Model of Neural Scaling". In: NeurIPS 2023.

EXPERIENCE/PROJECTS

ML Research in the Tegmark Lab   2022 - 2023

Research on language model interpretability and theory of deep learning experiments, leading to a NeurIPS '23 conference paper.

Dust   2023
Software Intern

Leveraged LLMs to make organizations/individuals work more efficiently, under mentorship of founder and OpenAI alum Stanislas Polu, building a Copilot-like editing interface with advanced retrieval to write alongside LLMs and define different helper agents for unique workflows.

Archivy   2020 - 2022
Founder

Built open-source knowledge base software Archivy that caters to hundreds of thousands of users (>**3k stars on Github**) looking to change the way they organize knowledge and find new ideas. Sprouting from this I worked on a powerful semantic search engine for your ideas called Espial.

ADIOS CORONA   2020
Lead Web Developer

Lead developer of Adios Corona, an educational website informing millions on best practices for dealing with the Covid-19 epidemic.

ACHIEVEMENTS

Grand Prize Winner of the 2020 Google Code-In software development competition.

Ranked 14/220000 at the national French Algorea 2021 Algorithmics and Informatics competition

Co-founder of Pwnzorz cybersecurity team that ranked highly at many events and won the CastorsCTF competition.

Participant at SPARC 2022 - Summer Program in Applied Rationality and Cognition

Atlas Fellow, $50k scholarship and summer program for talented high schoolers

Emergent Ventures grantee for career development and AI work

Highly Honorable Mention in the Animaths 2020 French national Finals (Math Olympiad)

Selected Participant, Mathematical Summer in Paris 2021, a summer conference on higher-level mathematics

2nd Place, Prometheus ELK AI Safety research contest