

Yago Iglesias Vázquez

Theoretical Computer Science student
PGSM laureate

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🐙 github.com/Yag000
🌐 Yago Iglesias

EDUCATION

Paris Cité University Master's degree in Theoretical Computer Science research (MPRI)	Paris, France 2024 – present
Paris Cité University Double degree in Mathematics and Computer Science	Paris, France 2021 – 2024
Spanish Lycee Luis Buñuel Highest Honors with Jury's Congratulations	Neuilly-sur-Seine, France 2018 – 2021

EXPERIENCE

CITIUS Research Internship	Santiago de Compostela, Spain July 2023
• Development of algorithms to precisely characterize objects with a single LiDAR scan by reflecting the object on a well-placed mirror.	
IRIF Research Internship	Paris, France June - July 2024
• Development of Coq verified simplification of intuitionistic formulas in the context of uniform interpolation in the research project UIML ^[1] .	

INTERESTS

Computer Science
Type theory, proof assistants, automata theory, programming languages

SKILLS

🔗	Rust · Ocaml · Rocq · C Python · Java · Bash
🗣️	Spanish · Native language French · Advanced English · Advanced

COMPETITIONS

**Journées Franciliennes de
Programmation**
Participation in 2022, 2023 and 2024
SWERC
Participation in 2024

Mathematics
Logic, proof theory, model theory

PROGRAMMING PROJECTS

Chimpanzee

Monkey interpreter, compiler, and formatter written in Rust

jsh-tyy

C Job Shell as part of an operating systems course

enum_stringify

Rust set of macros to generate string conversion functions for enums

Be Amazed

Voice recognition game in Java

$\lambda\pi$

Dependent types implementation in OCaml

cinta

A simple C testing framework

RESEARCH

- [1] Hugo Férée, Sam V Gool, and Yago Iglesias Vázquez. Formulas Rewritten and Normalized Computationally, and Intuitionistically Simplified. In *36es Journées Francophones des Langages Applicatifs (JFLA 2025)*, Roiffé, France, January 2025.