

Enrique GALVEZ

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Born on May, 19, 2002 | Nationality: French

Work Experience

- **SNCF Réseau & SATIE**, Research Intern for 6 months February - July 2025
Subject: Real-time railway default detection using transformers on embedded GPUs
- **INRIA Bordeaux**, Research Intern for 5 months September 2024 - January 2025
Subject: Efficient scheduling of Transformers with StarPU
- **LIP6**, Research Intern for 5 months in the ALSOC team (Systems-on-Chips) February - July 2024
Subject: Optimization of deep learning convolutions for inference on SoCs
Research: Redaction of a journal article promoting my experimental results
- **Barcelona Supercomputing Center**, Research Intern for 3 months May - July 2023
In the SONAR team (SOFTWARE research vehicles for New ARCHitectures)
Subject: Vectorization of deep learning kernels
- **LIP6**, Research Intern for 6 weeks in the ALSOC team June 2022
Subject: Optimization of the parallel execution of an image processing application

Education

- **École Normale Supérieure de Lyon**, Computer Science Department 2021 - 2025
- **Lycée du Parc, Lyon**, Preparatory class: MPSI, MP* 2019 - 2021

Diplomas

- **ENS De Lyon diploma** (Expected: 2025)
- **Master's degree** in Computer Science with highest honors (16,42/20) 2024
- **Bachelor's degree** in Computer Science with high honors (15,63/20) 2022
- **High School Diploma**, Scientific section, Mathematics specialty, 2019
European section (in-depth english classes), with highest honors and
with jury's congratulations (19/20)

Competitions

- **SWERC** (International programming contest): team ranked 45/120 2023
- **Le Shaker** (National programming contest): ranked 49 over +1000 participants 2022
- **Entrance examination for Grandes Écoles** 2021
- **Olympiades académiques de mathématiques**: copy noted for the quality of its content 2018
- **"Faites de la science" Competition**: 2nd regional prize 2017

Skills

Programming	Very good mastery of C, C++, Java, Python, OCaml, bash, L ^A T _E X Good mastery of many others: assembly, haskell, html/CSS, JavaScript, SQL, CUDA...
Computer Science	Skills in machine learning (theory and practice), algorithmic complexity, compilation, high performance computing, computer architecture, algorithm-architecture adequation
C1 level in English	Certified by Cambridge's C1 advanced certification
Good level in Spanish	Estimated C1 level
Hobbies	Karate Shotokan black belt, Competitive practice of sailing