



Yann FERNANDEZ PUIG

STUDENT IN ENGINEERING DEGREE IN COMPUTER SCIENCE (EPITA, FRANCE)

CONTACT

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Portfolio
<https://yannfp.github.io/>

Location:
Toulouse, France

SOFT SKILLS

- Multicultural environment
- Rigorous
- Organized
- Team work

TECHNICAL SKILLS

- C / C# / C++
- Java
- Python
- HTML / CSS
- JavaScript
- Unix/Linux
- SQL
- OCaml
- Git
- Autotools
- Swift
- Use of Office suite

LANGUAGES

- English (Bilingual)
- Spanish (Mother tongue)
- Catalan (Mother tongue)
- French (Native tongue)
- German (Academic level)



EDUCATION

	EPITA (School of Computer Science and Advanced Technologies) - France	SINCE 2023
	Five-year engineering degree.	
	Acquired advanced technical proficiency through an intensive, project-driven engineering curriculum.	
	Murdoch University - Australia	FEB 2025 - AUG 2025
	Achieved professional English fluency and cross-cultural adaptability through a semester of study in a global environment.	
	High School Le Ferradou Toulouse - France	2016 - 2023
	French Baccalaureate (Scientific Track) - Graduated with High Honors	

PROFESSIONAL EXPERIENCE

	Teaching Assistant for C Programming and Development	SINCE 2025
	Supervised first-year students in lab sessions, providing guidance, answering questions, and supporting learning while developing communication and teaching skills.	
	Student Ambassador at EPITA	SINCE 2024
	Representing the school during trade fairs, forums, and open days. Managed and coordinated student teams during events.	
	Personal Tutor	SINCE 2022
	Providing tailored tutoring for middle and high school students (grades 6–12). Identifying student's challenges and strengthening their understanding.	
	Food Truck Manager	JUL 2024 - AUG 2024
	Daily management of a food truck within the "RCN Le Moulin de la Pique" campsite. Additional roles: waiter, washer, cook and customer service in a multicultural environment.	



PROJECTS

	POSIX Compliant Shell	JAN 2026
	Collaborative project in a team of four to develop a POSIX-compliant shell from scratch in C. Managed the project using Autotools and implemented a comprehensive functional testsuite.	
	Custom Memory Allocator (malloc)	NOV 2025
	Engineered a custom memory allocator in C language using a bit bucket implementation to manage heap memory	
	Coin Return Algorithm	MAY 2025
	Developed a C-based algorithm to calculate and dispense optimal coin combinations. Focused on memory efficiency, real-time inventory tracking, and transaction accuracy.	
	OCR Puzzle Solver	2024
	Developed an Optical Character Recognition (OCR) system using a Neural Network in C language to accurately solve Word Search puzzles from image input, demonstrating skills in Machine Learning and Image Processing.	
	Creativity Award at NSI 2022 Trophy (National French Award)	2022
	Awarded the Regional Prize for Creativity for a data visualization application, developed in Python and SQL to process and track animal movements using CNES (French National Space Agency) satellite data.	
	Calculator in Swift	2020
	Developed a basic calculator application in Swift, learning the language auto didactically and exploring core iOS UI concepts.	