

MONTAURIOL Nicolas

Computer Science Master's Student at KIT
Double degree from Grenoble INP Ensimag

TECHNICAL SKILLS

Systems & Scripting:..... Linux, Windows, Bash, PowerShell, Cron
Networking & Infra:..... LAN/WAN, routing, IP addressing, Active Directory, GPO, Nginx
Programming:..... C, C++, Rust, Python, Java, OCaml
Embedded & Low-level:.... RISC-V, constrained systems, memory optim.
Algorithms:..... Graphs, shortest paths, data structures, heuristics, pruning, parallelism, complexity
Experimentation:..... Benchmarking, instrumentation, data processing, sorting, profiling, analysis, visualisation
Web & APIs:..... HTML, CSS/SCSS, JS, PHP, Django/Wagtail, REST
Data & DevOps:..... PostgreSQL, MySQL, Redis, Git, Docker, CI/CD
Design & Visualisation:.... Inkscape, Figma, Blender, GIS/data visualisation



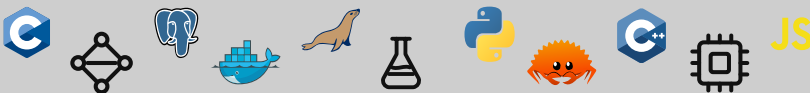
ABOUT ME

Former social worker now pursuing a double degree in computer science, with a strong interest in algorithms, experimental systems and embedded software.

My previous educational and professional experiences have endowed me with excellent interpersonal skills, both orally and in writing.

I enjoy board games (chess, role-playing, tabletop games), art in general—particularly literature and poetry. I'm deeply passionate about computing, new technologies, and above all, nature and the tranquility of outdoor life, especially in the mountains.

EXPERTISE



SKILLS



EXPERIENCE

Engineering Projects & Research

Grenoble INP - Ensimag, Inria

2025 - 2026

Worked on major academic projects in compilers, OS, AI and algorithms. Research internship on shortest-path algorithms for memory-constrained systems.

IT Technician & Web Developer

Couserans, Cagire Garonne Salat

2023 - 2025

Developed an official website and intranet (1 year). I also provided comprehensive IT support covering users, accounts, software, hardware, and networks (6 months).

Youth Worker, Director, Trainer

Municipalities, CEMEA, UFCV, ...

1995 - 2024

I worked in various roles, from youth worker to director across diverse centers and audiences. I also worked as a trainer and director for professional and voluntary training programs in these same fields.

CONTACT



+33 6 37 02 57 04

+49 1796 975 991



fac@tuta.com



Ustou (France)

Karlsruhe (Germany)



www.makh.fr

EDUCATION

Double Degree (KIT, Karlsruhe)

2026: MSc Informatics - 2nd Year

Engineering (Ensimag, Grenoble)

2025: MSc Informatics - 1st Year

University (UPVD, Perpignan)

2024: BSc Informatics - 3rd Year

ADRAR Formation

2023: Web developer

High School (Montalembert)

1998: Baccalauréat in Science