

ALEXIS VIALLESSECHE



MY PROFILE

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31 rue Jacqueline Auriol 31400 Toulouse

Born on April 15, 2004

Category B driving license

INTERESTS

Cycling	Rugby	Nature
Football	Ski	Technology
Running	Hiking	Food

COMPUTER SKILLS

PostgreSQL	Arduino	Bash
C	VirtualBox	Fusion
PHP	Java	MySQL
HTML	UML	Docker
CSS	VsCode	Socket
Python	PowerShell	

OTHERS SKILLS

Mathematical analysis	Artificial intelligence
Algebra mathematics	Conception
Probability mathematics	Neural networks
	graph theory
Economy	
Project management	Windows Administration
Business management	Linux Administration
	Database creation
Electricity	
Fiber Optics	English (B2)
Oscilloscope	Italian (intermediate)
Electromagnetic	Japanese (beginner)

Hardworking, disciplined, and reliable, I am a 4th-year engineering student who is respectful, punctual, and a good listener. I adapt easily to new environments and work efficiently both independently and in a team. I am currently seeking an internship starting in April 2026 (minimum 3.5 months) in the field of Networks, Telecommunications, and Cybersecurity.

PROFESSIONAL EXPERIENCE

Seasonal, CHIVA, Saint-Jean-de-Verges 2022-2025

- Environment Service Assistant
- Patient Transport

Seasonal, CAPA, La-Tour-du-Crieu 2025

- Technician and storekeeper

Seasonal, Viviers Cathare, Montbel 2024

- Aquaculture Worker

Seasonal, Cavicchiolo Farm, Signalens 2020-2022

- Agricultural Worker

PERSONAL PROJECTS

Line-Following Robot

-Built an autonomous robot capable of following a black line using infrared sensors. Integrated a lightweight AI allowing it to memorize maze traps and find the exit instantly when reintroduced at the maze entrance.

Automated Board Game

-Developed, with my extracurricular robotics club, an automated Nim game featuring a robotic board that manipulates pieces autonomously. Designed a system allowing a player to compete against a computer programmed to always win.

Educational Video Capsule - Astronomical Clock Project

-Created a series of short educational videos explaining key astronomy concepts (celestial sphere, local horizon, ecliptic, astrolabe, declination, sidereal time, etc.) as part of a project automating an astrolabe into a functional clock.

EDUCATION / CERTIFICATIONS

Upsitech, Toulouse

- Engineering school 2024-2027
- Networks, Telecommunications and Cybersecurity

CUPGE - Paul Sabatier University, Toulouse

- CUPGE - MP2I (Mathematics, Physics & Computer Science) - 2023

French General Baccalaureate, Mirepoix

- Specializations : Mathematics, Physics Chemistry, Life & Earth Sciences
- Optional modules : Sports and Expert Mathematics

Aeronautics Initiation Certificate (BIA)

- Independent candidate, Saint-Girons - 2020