


Nathan AUCHÈRE

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PROFILE SUMMARY

I am a motivated **M2 computer science student** eager to collaborate on new projects, determined to dutifully and reliably solve challenges assigned to me. I am now focusing my studies on [embedded systems and networks](#) and currently search for an internship in this field.

EDUCATION

September 2020 - July 2022	'Lycée de l'Éssouriau - CPGE' - 'Université Paris-Saclay' L2 equivalent
	A two-year intensive preparation course for the competitive entrance exams to the top engineering schools ('les Grandes Ecoles') in France.
September 2022 - today	ENSEEIHT M1 equivalent (2024)
	Computer science engineering curriculum specializing in System Architecture and Network

EXPERIENCE

June 2017 - July 2017	Massey Ferguson - Beauvais, France <i>Intern Developer - 2 weeks</i> I successfully optimized the running time of a code in C language which is now commercially used.
June 2023 - August 2023	Bouygues Telecom - Meudon, France <i>Intern Functional Architect - 11 weeks</i> I drove 2 fruitful studies in which I had to identify the impact of new needs on the company's IT ecosystem and define the appropriate requirements. One was regarding the firmware evolution of a net-top box model. The other was to comply with a new regulation.
June 2024 - September 2024	Fendt - Marktoberdorf, Germany <i>Intern Developer - 13 weeks</i> I successfully implemented a DBC parser for the generation of CoM Header Files for non-AUTOSAR ECUs. I also had the chance to learn the basics of the AUTOSAR stack and to implement a Freshness Value Manager for CAN messages.

ENGAGEMENT

I actively participate in various clubs/associations' life : ENSSEIHT's computer science association (*former treasurer*), fanfare club (*former treasurer*) and WOCSA (cybersecurity association). Moreover, I volunteer each year as a staff member in events such as 'Capitole du Libre' and THCon. I also tutored pupils in an underprivileged school as an AFEV volunteer (2022-23).

SKILLS

- C
- Python
- Ada / VHDL
- OOP
- Embedded Systems

LICENCES

- Light vehicle drivers' licence holder (2021)

LANGUAGES

- French (native)
- English (C1)
- German (A2)
- Japanese (JLPT-N4)

INTERESTS

- Computer science
- Trombone
- Badminton
- Learning languages