Paul **Nautré**

Engineer student in IT

Computing for Embedded and Robotic Systems
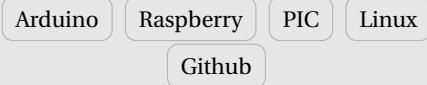
Information

Looking for a 6-month internship in Scandinavia, starting April 2024.

IT Languages

C | C++ | Python | HTML/CSS/JS | Django
VBA | SQL | Latex | Java | C#

Software & Environments

Arduino | Raspberry | PIC | Linux
Github

Soft Skills

Independence | Curiosity | Flexibility
Teamwork | Perseverance | Patience

Certifications

TOEIC : Listening and Reading Test - *2023*
Results : *B2 - 895/990*

ANSSI : CyberEdu - *2022*

Google Skillshop :
Digital marketing fundamentals - *2019*

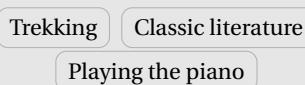**BIA** : Aeronautical Initiation Patent - *2017*

Languages

🇫🇷 French - Mother tongue

🇬🇧 English - B2

🇩🇪 German - A2

Hobby

Trekking | Classic literature
Playing the piano

Contact

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📍 Clermont-Ferrand, France

in paul-nautre

○ loremipsumdsa

Visit my website !

perso.isima.fr/~panautre

🎓 Education

2021-2024	**Engineer degree in IT** 📍 Clermont-Ferrand, France **ISIMA** *Master's degree* Specialization in Computing for Embedded, Robotic and Virtual Systems
2019-2021	**Prep'ISIMA** 📍 Clermont-Ferrand, France **ISIMA** *Two-year preparatory course for direct entry into ISIMA*
2019-2021	**Licence I et II** 📍 Clermont-Ferrand, France **UCA** *Computer Science and Mathematic Degree* with distinction
2019	**Scientific Baccalauréat** 📍 Clermont-Ferrand, France **Lycée Lafayette** *Minor in IT and Engineering Science* with disctinction

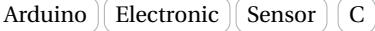## 🚀 Projects

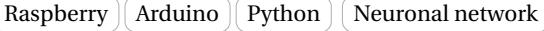| 2023	**E-Ring - Cattle monitoring** *INRAE* Design of a low-cost solution to monitor cow behavior and health. Arduino | Electronic | Sensor | C
2023	**CAAAR - Autonomous car race** *Accenture* Transformation of a remote-controlled car into a trained self-driven vehicle. Raspberry | Arduino | Python | Neuronal network
2022	**Bird War - Reinforcement learning** *ISIMA* Development of an arcade game and implementation of a Q-learning solution for automatic game completion. C | SDL/SDL2 | AI
2021	**PIDO - Graph study** *ISIMA* Study of partially dominant independent sets with obligations, proposal, implementation and evaluation of partial resolution algorithms. Python | Numpy | Matplotlib | NP-completeness

💼 Experience

2021-2022	**Full stack developer internship** 📍 Lyon, France **LASA** *Development of a partner network management tool* Python | Django
2021-2022	**Computer science tutoring** 📍 Clermont-Ferrand, France **UCA** *Tutoring of first year student in medical school with a minor in computer science* Pedagogy
2019-2021	**Military reservist** 📍 Clermont-Ferrand, France **92nd infantry regiment** *Soldier first class* Discipline | Stress Handling