Julien Pontoire

Computer Science, Engineering Student

I am a curious student in computer science. I am motivated to learn new skills and and to discover the real experience of being an engineer.

Personal info

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Links

- julienp
- Julien Pontoire

Commitments

Elected student of the council of studies and university life (2023 - 2025)

Skills

- C Python Numpy Pandas HTML CSS PHP Javascript VueJS PSQL PostgreSQL R LISP Regex LaTeX
- Debian Windows
- Visual Studio Code PyCharm RStudio
- Git UML Phpmyadmin

Languages

- French - Native Speaker
- English - Proficient Level
- Japanese - Beginner Level

Hobbies

- Video Games
- Reading
- Sports (Archery, Running, ...)

Looking for a 6 months assitant engineer internship in Data Sciences

FROM SEPTEMBER 2024 TO FEBRUARY 2025

EDUCATION

Engineering degree in computer science Université de Technologie de Compiègne (UTC)
COMPIÈGNE   SEPT 2021 – ONGOING
Degree: Engineering degree

French Baccalauréat (Secondary School Diploma)
LYCÉE BOUCHER DE PERTHES, ABBEVILLE   JUL 2021
Specialization in mathematics and Engineering Sciences

EXPERIENCE

Japanese culture's club animation responsable
FEB 2023 – JUL 2023

- Responsible for Japanese cultural events every week

One month worker internship in Calderys Metalcasting France
JUL 2023

- Worker job
- Reflection work on improving working conditions

PROJECTS

Schedule website for UTC students
FEB 2024

- HTML/VueJS website
- CSS frontend and Responsive Web Design

Databases implementation for the administration of a fictitious clinic (PSQL, Python, UML)
SEPT 2023 – JAN 2024

- Databases to store the clinic's data
- PSQL implementation
- Python application to interact with database

Expert system on the recommendation of UTC associations
NOV 2023 – DEC 2023

- Creation of an expert system in LISP from the knowledge base to the inference engine

Reddit cartography with Gephy
SEPT 2023 – DEC 2023

- Using Reddit API
- Data filtering with Python
- Mapping with Gephi

C Development
FEB 2023 – JULY 2023

- Complexity & Algorithms
  - AVL Trees, optimize algorithms, Stack, queues ...
- Forks, processes, pipes, syscalls, I/O ...

Driving school website with HTML, CSS, PHP, phpmyadmin
SEPT 2022 – JAN 2023

- HTML/PHP website
- backed by phpmyadmin databases
- CSS frontend