

# 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 (Mother tongue)
- English (Advanced High)
- Japanese (Beginner)

## Hobbies

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

## EDUCATION

### Engineering degree in computer science Université de Technologie de Compiègne (UTC)

COMPIÈGNE SEPT 2021 – ONGOING  
Degree: Engineering degree

### French Baccalauréat (DEC equivalent)

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



