

# LÉOPOLD CHAPPUIS

Engineering Student  
Computer Science

*I'm a passionate curious student in computer science. I'm motivated to learn new technologies and skills and apply my current knowledge in a company.*

## Personal info

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## Links

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## Commitments

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

## Skills

C++ C Python Numpy  
Pandas ScikitLearn Django  
Bash PHP Javascript ReactJS  
VueJS HTML CSS  
MySQL PSQL MongoDB  
PostgreSQL R Regex LaTeX  
MaterialUI SemanticUI

Linux: Unix Debian Arch  
linux Fedora Manjaro Windows  
macOS

Visual Studio Code Pycharm  
CLion Qt Creator PhpStorm  
Rstudio

Docker Terraform Php-admin  
PhpLDAPAdmin apache2 & Nginx  
Git Postfix Sysadmin UML REST  
API

## Languages

French (Mothers tongue)  
English (Advanced High)

## Hobbies

light & sound association  
(students events)  
video games  
sports (volley-ball, running,  
ice-skating...)

## EDUCATION

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

COMPIÈGNE, FRANCE SEPT 2021 – ONGOING  
Degree: engineering degree GPA: 3.44/4

## EXPERIENCE

### Weezevent

#### Part time Job

JUNE 2022 – ONGOING

- payment and access systems management in festivals.

### Student's federation IT service president

#### Association work

MAY 2022 – MAY 2023

- Management of a system for 150 associations
  - Mail servers, Web hosting service, LDAP accounts ...

## PROJECTS

### Splendor Duel BoardGame in C++

SEPT 2023 – JAN 2024

- Development of a board game in C++ 17 & Qt6
  - Design patterns, Qt Creator, software engineering, JSON...

### Predict breast cancer | Machine Learning

SEPT 2023 – JAN 2024

- Development of scripts to compare multiples classifiers.
  - Correlation Matrix, Naïves Bayes, Random Forest, KNN (neighbors), LDA, QDA, Logistic Regression, ROC curve...

### Website for an association

OCT 2023

- development of a dynamic website (inventory)
  - React.js, CSS, django, bearer tokens, rest API, Auth
  - Containerized the react app using docker, CI/CD

### C Development

FEB 2023 – JAN 2024

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

### Homemade Proxmox server

JUNE 2023

- creation of personal cluster (multiples VMs, docker containers, LDAP)
  - host my website, store my data, host my database and my personal services as rstudio, lufi or to run python js scripts

### Multiples discordBOT

2022

- Youtube discordbot
  - listening to Youtube music in discord voice channels (FFMPEG, discord.py...)
- Discorobot for an association
  - transfer the received mails through a discord channel. Calendar feature (python, MySQL, Discord APIs)



