

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

/leopoldch
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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 Phpmyadmin
PhpLDAPadmin apache2
& Nginx Git Postfix Sysadmin
UML REST API

Languages

French (Mother 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...)
- Discordbot for an association
 - transfer the received mails through a discord channel. Calendar feature (python, MySQL, Discord APIs)

