

# Clément JOLY

Looking for an internship between the 1st of June and the 31st of August 2019

## Skills

Working knowledge:

Rust  
C  
Python  
Java  
Bash/Fish Shell  
Linux  
SQL (SQLite)  
OCaml

Basic knowledge:

Docker  
Scala, Go  
HTML/CSS/JavaScript  
NoSQL

Languages

English (TOEIC 935)  
German (intermediate)  
• 2 weeks abroad in a host family (Frankfurt)  
French (native)

## Interests

Reading:

- fiction
- non-fiction
- press
  - *The Economist*
  - *Le Monde*

Sports:

- Judo in team
- Climbing

References available upon request

## Education

2017-now Engineering School in Computer Science  
Specializing in Software Engineering  
Three-year curriculum leading to a Master's Degree  
*Télécom Nancy, France*

2015-2017 Two-year course in preparation for the highly competitive nationwide entrance examinations to the French Grandes Écoles, specializing in Mathematics and Physics, *Lycée A. Fournier, Bourges, France*

2015 French baccalaureate diploma in Mathematics awarded with upper honors, *Lycée H. Brisson, Vierzon, France*

## Employments

2018 Worker at a pharmacy during a month

- Delivered drugs to customers
- Stored product by type and name

## Software Projects

Personal Projects (more at <https://github.com/leowzukw>)

2019 [seste.rs](https://github.com/leowzukw/seste.rs): tools to convert from a currency to another

- Leveraged knowledge of some aspect of Rust, LMDB, Travis CI

2018 Contributions on Github to [greshake/i3status-rust](https://github.com/greshake/i3status-rust) & more

2018 Wrote a simple Telegram chat bot in Go: send stdin to a chat

2015 Web sites: [cereales-ferme.fr](http://cereales-ferme.fr) [marchand-expert-comptable.fr](http://marchand-expert-comptable.fr)

- Leveraged knowledge of HTML/CSS/JS, static site generator

2014 Oclaunch: simple task-scheduler as a self taught programmer

- Leveraged knowledge of Gitlab CI, Git, OCaml

## School Projects

2018 Wrote a compiler for the Tiger language (in a group of 4 people)

- Leveraged knowledge of the internal work of a compiler

2018 Utility similar to the find command (in a group of 2 people)

- Leveraged knowledge of low-level system call in C

2017 Film recommendation system (in a group of 3 people)

- Used matrix factorization method to build recommendations based on watch history of both the user and similar users
- Leveraged knowledge of the gnu scientific library in C

2017 Simplified Bitcoin-like Blockchain for a competitive exam

- Built a model leveraging cryptographic and consensus aspects
- Showed this to a jury with a general scientific background
- Leveraged knowledge of SQLite, Python, Blockchain internals