



 30/07/2001

 Nancy, France

 Driving License

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 thomas-lacroix30

 ThomasLcr

## SKILLS

Engineering programs:  
Python, Java, C, HTML, CSS,  
JS, PHP, SQL, FXML, ASM

Tools: Git, Matlab, VSCode,  
PGAdmin, Ubuntu, Docker

Accounting and Financial  
Analysis

Communication

Teamwork

## CERTIFICATIONS

MOOC Certificate from  
*Centrale Lille* "Project  
Management"

MOOC Certificate from *INRS*  
"Occupational Health and  
Safety Certification for  
Engineers"

## LANGUAGES

French: Native

English: 945 TOEIC

German: B1 CECRL

Spanish: A2 CECRL

## INTEREST

Sports: tennis, biking,  
running, swimming

Movies

Music

Charity work: 2023  
Communication manager  
for Anim'Est (a japanese  
culture event)

# Thomas Lacroix

Cybersecurity student

## SUMMARY

Completed a scientific high school program. Attended TELECOM NANCY, a prestigious institution for IT engineering. Accumulated diverse experience in various company sizes, from small private enterprises to large public organizations. Seeking a 6-months internship opportunity that would allow me to put my cybersecurity knowledge into practice and strengthen my web development skills.

## EXPERIENCE

### Full Stack Developer

June 2024 - August 2024, Nancy, FR

#### FR Concept

Design and implementation of algorithms to process data from a french accounting records files named FEC

Database management, API integration, Version management and deployment

### Sorting agent

June 2022 - July 2023, Strasbourg, FR

#### La Poste

Collaborated as part of a team operating automatic mail sorting machines

## PROJECTS

### Industrial project

October 2024 - February 2025, Strasbourg, FR

#### Construcciones y Auxiliar de Ferrocarriles (CAF)

Carrying out a theoretical analysis and tests on real trains to assess the permeability of train cabins to radio waves.

### Research initiation project

January 2024 - May 2024, Nancy, FR

#### CRAN, National Research Agency

Design of an environment to train cobots by reinforcement learning in order to secure their interactions with humans (ANR AI4CPS project).

Programming languages: **Python**

### Implementation of a Compiler

October 2023 - May 2024, Nancy, FR

#### TELECOM Nancy

Compiled ADA language, creation of the AST and generation of assembly code.

Programming languages: **Java, ASM**

## EDUCATION

### MASTER'S DEGREE IN COMPUTER SCIENCE

September 2021 - June 2025,  
Nancy, FR

#### TELECOM Nancy

Last year student in Network Systems and Security

### HIGH SCHOOL DIPLOMA

July 2019, Toul, FR

#### Lycée Louis Majorelle

Engineering Sciences

With highest honours