

Thomas DERUDDER

SITE RELIABILITY ENGINEER · SOFTWARE DEVELOPER

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Experience

Apprenticeship · Site Reliability Engineer

FRENCH ARMY MINISTRY

France, Paris

September 2023 - Today

- Creation of an offline cluster fully automated
- Creation and management of tools for a team of 25 developpers
- Creation of intelligent on board application (mobile and raspberi py) for translation

*SRE, Management of project, Knowledge sharing, Dev-ops, Networking, computer repair
Linux, Ansible, Docker, K8S (Kubernetes), Python, pytorch, cpp(arduino + window manager)*

Internship · Fablab Creation

FRENCH ARMY MINISTRY

France, Paris

June 2023 - September 2023

- Creation of a Fablab for the Labo BI at French Army laboratory
- Creation of a management application and a website for the Fablab
- Fablab management and presentation (ex: Cafe IA)

*Group Work, Project Management, Important presentation
3D Printing, Flutter, Python, Rust, Git*

Classroom Instructor

ESILV AND EMLV

France, Courbevie

2022 - 2023

- Electronics final Class teacher (25h)
- Instructor at the Devinci Fablab in Computer Science and Electronics (120h)

Teaching, Communication, Empathy & Patience

Education

Engineering Degree in Computer Science

ESILV (ECOLE SUPÉRIEURE D'INGÉNIEURS LÉONARD DE VINCI)

France - Courbevoie

2021-2026

- Fourth Year class in Cybersecurity and Cloud Computing
- Work-study with the French Army Ministry

GPA: 3.26/4

Extracurricular Activity

Creation of a to do app linked with gitlab & github

GITLAB

Project on mypatch

May 2024 - Now

- Creation of a fun project to solve a to do list and gitlab + github issues
- Use of pair programming through multiple projects (anybdd, anygrpc....)

*Rust, GRPC, mysql, git, network
Team work, gitlab, TDD, Project management*

Creation of a bootable archlinux distro

GITLAB

gitlab

January 2024 - Today

- Creation of a custom desktop environment from server edition of Archlinux
- Similar project on nixos (gitlab)

Linux (from scratch), C(dwm), bash, dotfiles

Sports and Cultural Activities

FREE-TIME

- Sports: Waterpolo
- Events: Visiting museum, discovering new cities and culture

Skills

Development & DevOps

Docker, Kubernetes (K8S), Git, CI/CD, Linux, Ansible, Vagrant, Network

Programming Languages

Python, Rust, C# (.NET), C++ (Arduino)

Web & Software Development

HTML, React, Next, SQL, NoSQL, API & GRPC (actix, Fastapi)

Embedded Systems & Hardware

Raspberry Pi, Arduino, Embedded C/C++, Microcontrollers

Other Technical Skills

3D Printing, 3D Modeling, Laser Cutter, Soldering, Metal Lathe, LaTeX

Soft Skills

SCRUM, Agile Method, Team Work, Share knowledge

Languages

French (native), English (B2 - 583 : TOEFL ITP), German