

Thomas DERUDDER

SRE ENGINEER · ON BOARD DEVELOPPER

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Experience

Apprenticeship Data Engineer

FRENCH ARMY MINISTRY

France, Paris

September 2023 - Today

- Creation of an offline cluster fully automated
- Creation and management of tools for developers
- Creation of intelligent on board application for traduction

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

Creation Fablab

FRENCH ARMY MINISTRY

France, Paris

June 2023 - September 2023

- Creation of a Fablab for the Labo BI at French Army laboratory
- Creation of an application for the management of the FabLab and a website
- Presentation and management of the FabLab

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

Classroom Instructor

ESILV AND EMLV

France, Courbevoie

2022 - 2023

- Final Class teacher about electronics (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

- Third Year class in Cybersecurity and Cloud Computing
- Work-study with the French Ministry of the armed Force

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 to do list and gitlab + github issues
- Use of pair programming threw 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 environnemt from server edition of Archlinux
- Similar project on nixos (gitlab)

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

Multiple little projects (finished or not)

GITLAB

gitlab

January 2024 - March 2024

- Creation of a dotfile project
- Creation of a portfolio
- Creation of ansible roles: docker, containerd
- Creation of some fun ai and web integration (ex: mnist)

Rust, GRPC, gitlab, sql(postgresql)

Skills

DEV-OPS & Cloud

Docker, K8S, Git, CICD, Web, Web API(REST *fast api*, *actix* & GRPC *tonic*), SQL, AI (Machine learning and a bit of deep learning)

Programming

Linux, Ansible, Python, Rust, DotNET (C#), *cpp for Arduino*, Html, React, LaTeX

Soft Skills

SCRUM, Agile Method, Team Work, Share knowledge

Languages

French (native), English (B2 : TOEFL), German