Thomas DERUDDER

Software Engineer · On board Developper

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Experience

Apprenticeship Data Engineer
Frnace, Paris
French Army Ministry
Septemher 2023 - Today

- Creation of inteligent on board application for traduction
- Presentation and management of the FabLab
- Formation of employees and externals

  Management of project, Knowledge sharing, Dev-ops
  Linux, python, cpp(arduino), Docker

Creation Fablab
France,Paris
French Army Ministry
June 2023 - Septemher 2023

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

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

Classroom Instructor
France, Courbevie
EMLV and ESILV
2022 - 2023

- Teacher for the creation of a technical project (10h)
- Final Class teacher about electronics (14h)

Education

Engineering Degree in Computer Science
France - Courbevoie
ESILV (Ecole Supérieure d'Ingénieurs Léonard de Vinci)
2021-2026

- Third Year class in Work-study with the French Ministry of the armed Force

Extracurricular Activity

Creation of a bootable archlinux distro
gitlab
Patch-Me
January 2024 - Today

- Deep understanding of all parts in a linux distribution
- Customization of all parts from the session manager to the window manager.
- Creation of a big documentation of whar we know abour linux

  Linux, C(dwm), bash

Creation of a Discord Bot for the association
gitlab
FabLab
March 2023 - July 2023

- Organization of the association without the need of adnministrator and administrative work
- Automatisation of task for all pepople, like creation of events, creation of documentation ....

Computer Science and electronic trainer
France - Courbevoie
DeVinci FabLab
2022 - 2024

- 120 hours formations given from scrapping to 3D modeling
- Creation of a documentation for all formations (in latex and online with markdown)

Embed developpement on rover
France - Courbevoie
DaVinciBot
2023 - 2024

- Creation of a radio module with crypted communication
- Creation of an autonomous system for the rover
- Data transmission from the rover to the base

Skills

DevOps	Docker, Git, CICD
Back-end	REST API (fast api, actix), GRPC (tonic), SQL and Databases
Programming	Python, Rust, DotNET (C#), cpp for Arduino, Html, LaTeX
Soft Skills	SCRUM, Agile Method, Team Work, Share knowledge
Languages	French (native), English (B2 : TOEFFL), German
Qualities	Curious, Creative, Agile, Determined, Open-minded