

# Thomas DERUDDER

SOFTWARE ENGINEER · ON BOARD DEVELOPPER

☎ (+33) 6 03 11 44 59 | ✉ thomas.derudder@kodelab.fr | 🏠 www.mypatch.fr | 🐙 athomsAF

## Experience

### Apprenticeship Data Engineer

FRENCH ARMY MINISTRY

France, Paris

September 2023 - Today

- Creation of intelligent 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

FRENCH ARMY MINISTRY

France, Paris

June 2023 - September 2023

- Creation of a Fablab for the Labo BI a 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

EMLV AND ESILV

France, Courbevoie

2022 - 2023

- Teacher for the creation of a technical project (10h)
- Final Class teacher about electronics (14h)
- Devinci FabLab trainer in IT and electronics (100h)

## Education

### Engineering Degree in Computer Science

ESILV (ECOLE SUPÉRIEURE D'INGÉNIEURS LÉONARD DE VINCI)

France - Courbevoie

2021-2026

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

## Extracurricular Activity

### B10S (B1t On the Security, Underground hacker team)

CORE MEMBER

S.Korea

Nov. 2011 - PRESENT

- Gained expertise in penetration testing areas, especially targeted on web application and software.
- Participated on a lot of hacking competition and won a good award.
- Held several hacking competitions non-profit, just for fun.

### WiseGuys (Hacking & Security research group)

MEMBER

S.Korea

Jun. 2012 - PRESENT

- Gained expertise in hardware hacking areas from penetration testing on several devices including wireless router, smartphone, CCTV and set-top box.
- Trained wannabe hacker about hacking technique from basic to advanced and ethics for white hackers by hosting annual Hacking Camp.

### PoApper (Developers' Network of POSTECH)

CORE MEMBER & PRESIDENT AT 2013

Pohang, S.Korea

Jun. 2010 - Jun. 2017

- Reformed the society focusing on software engineering and building network on and off campus.
- Proposed various marketing and network activities to raise awareness.

### PLUS (Laboratory for UNIX Security in POSTECH)

MEMBER

Pohang, S.Korea

Sep. 2010 - Oct. 2011

- Gained expertise in hacking & security areas, especially about internal of operating system based on UNIX and several exploit techniques.
- Participated on several hacking competition and won a good award.
- Conducted periodic security checks on overall IT system as a member of POSTECH CERT.
- Conducted penetration testing commissioned by national agency and corporation.

## MSSA (Management Strategy Club of POSTECH)

*Pohang, S.Korea*

MEMBER

*Sep. 2013 - Jun. 2017*

- Gained knowledge about several business field like Management, Strategy, Financial and marketing from group study.
- Gained expertise in business strategy areas and insight for various industry from weekly industry analysis session.

## Skills

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**DevOps** AWS, Docker, Kubernetes, Rancher, Vagrant, Packer, Terraform, Jenkins, CircleCI

**Back-end** Koa, Express, Django, REST API

**Front-end** Hugo, Redux, React, HTML5, LESS, SASS

**Programming** Node.js, Python, JAVA, OCaml, LaTeX

**Languages** Korean, English, Japanese