



Pereira de Magalhaes David
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Master in Information and Computer Sciences Student

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EDUCATION

- Lycée Mathias Adam**
2015-2018
TE-ALL
- Lycée Mathias Adam**
2018-2022
Section Générale Ingénieur (GIG)
- University of Luxembourg (University of Namur Exchange Semester)**
2022-2025
Bachelor in Computer Science
- University of Luxembourg**
2025-Present
Master in Information and Computer Sciences

EXPERIENCE

- Costantini SA**
Manoeuvre (Summer Job)
2019-2025
 - Assisted with on-site construction logistics and equipment handling
 - Developed teamwork and time management skills in a high-paced environment

PERSONAL PROJECTS

- MicroK8s Cluster (HomeLab)**
Running multiple applications on a self made single node MicroK8s server.
pearlabs.dev
 - Tools & technologies used: Ubuntu Server, MicroK8s
 - Designed and deployed a Kubernetes HomeLab using MicroK8s on Ubuntu Server with repurposed laptop hardware and a custom-built case.

SKILLS AND INTERESTS

Languages:

Portuguese (Native)	████████
Luxembourgish	████████
French	███████
English	███████
German	███████

Programming Languages:

Python, JavaScript, Java

DevOps & Infrastructure:

Linux, Docker, Kubernetes, MicroK8s

Frameworks & Tools:

ROS, FastAPI, React, React Native

Databases:

Firebase, SQLite

Version Control:

Git, GitHub

Hardware & Embedded Systems:

Raspberry Pi, DJI Tello Drone, Sensors, GPIO

CAD & Digital Fabrication:

3D Printing (FDM), 3D Modeling (Fusion 360)