

Matthieu DARTOIS

Master's Student in Computer Science

About Me

Master's student in Networking at Sorbonne Université. Experience in network administration (VPN, mesh networks, 5G/Wi-Fi) and cloud infrastructure (Kubernetes, monitoring). Seeking a 6-month end-of-studies internship starting in February 2027 in network engineering, SRE, or cloud computing.

Information

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https://matthieu.dartois.dev

https://linkedin.com/in/matthieu-dartois/

https://github.com/Faioa

Paris / Île-de-France

Driver's License

Skills

Networks & Telecommunications

- Queueing Theory
- Traffic Engineering
- Quality of Service
- Mesh/Ad-hoc Networks
- TCP/IP, VLAN, VPN, 5G, Wi-Fi

Cloud & Infrastructure

- Kubernetes
- Docker
- Virtualization & Containerization
- Distributed Systems

Automation & DevOps

- Bash / Python Scripting
- Git
- CI/CD
- Linux Administration

Development

- C, Rust, Python, and Java Programming
- Web Development (Svelte & SvelteKit)
- SQL Databases
- Blockchain (Ethereum)

Observability and Reliability

- Grafana/Prometheus Monitoring
- Load Testing
- Performance Evaluation
- Traffic Analysis (Wireshark, iperf, tcpdump)

Languages

- French (native)
- English (B2 - Cambridge 2021)

Hobbies

- Sports (Calisthenics, Cycling, Swimming)
- Cooking
- Music (Guitar, Violin)

Education

Sorbonne Université | Master's degree in Computer Science - Networking Specialization: Internet, Cybersecurity, Cloud & Automation

2024 - 2027 (Gap year 2025-2026)

VIRTUALIZATION - NETWORK ARCHITECTURE - NETWORK SECURITY - CLOUD COMPUTING - TELECOMMUNICATIONS - TRAFFIC ENGINEERING - NETWORK MONITORING

Sorbonne Université | Bachelor's degree in Computer Science

2021 - 2024

COMPUTER SCIENCE FUNDAMENTALS - WEB DEVELOPMENT - SOFTWARE DEVELOPMENT - ENTREPRENEURSHIP - PROJECT MANAGEMENT - INTRODUCTION TO DATA SCIENCE

Lycée Louise Michel | Baccalauréat - Maths / PC

2018 - 2021

Specialization in Mathematics and Physics-Chemistry | High Honors

Work Experience

LIP6 Laboratory | Dev OPS - Network Administrator

January - June 2024

Contribution to the national **ENE5AI** project focused on the design and definition of an edge digital infrastructure based on Wi-Fi and 5G technologies.

IMPLEMENTATION OF A DYNAMIC MESH NETWORK OF MOBILE ROUTERS - VPN CONFIGURATION - DEVELOPMENT OF BASH SCRIPTS - QOS ANALYSIS - TOPOLOGY ANALYSIS

Gabolex | Web Developer

March - August 2023

WEB DEVELOPMENT FOR CRUD APPLICATIONS - REST API - DOCKER - PYTHON - GIT - AGILE METHODOLOGY

Additional Experience

Citadines République Paris | Day receptionist

2025 - 2026

A fixed-term contract from late June to early September 2025, followed by regular assignments via the Staffmatch until September 2026.

RECEPTION AND CUSTOMER SERVICE - BILLING AND COLLECTIONS - COORDINATION AMONG DEPARTMENTS - FIRE SAFETY AND EVACUATION OFFICER

Completed Projects

- 2026 **Creating a Personal Website with Svelte and SvelteKit**

  STATIC BLOG - EMAIL SERVICE - CONTINUOUS DEVELOPMENT - VERCEL

- 2025 **Implementation of a cloud infrastructure on a Kubernetes cluster, including load testing and monitoring (Grafana & Prometheus)**

  WEB HOSTING - REPLICABLE REDIS DATABASE - BASH SCRIPTS FOR VARIOUS LOAD TESTS - RESOURCE ALLOCATION AND TUNING

- 2025 **Research Project on Vulnerabilities Related to the Ethereum Blockchain Network**

  ANALYSIS OF SCIENTIFIC PAPERS - POC SMART CONTRACTS FOR FRONT-RUNNING

- 2024 **Creating a Distributed In-Memory Database in Java**

  3-NODE DEMO - QUARKUS FRAMEWORK - COLUMN-ORIENTED DATABASE - DATA STRUCTURE OPTIMIZATION