



# Arthur Garnier

Linux Systems Team Manager  
IT // Systems and Networks

<https://arthurgarnier.fr>

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## EDUCATION

### TELECOM NANCY

ENGINEER IN COMPUTER SCIENCE  
Sep 2014 - Expected Aug 2017 |  
Nancy, France

### IUT NANCY CHARLEMAGNE

DUT IN COMPUTER SCIENCE  
Sep 2012 - Jun 2014 | Nancy, France

### HIGH SCHOOL H.LORITZ

SCIENTIFIC BACCALAUREATE  
Jun 2012 | Nancy, France

## LINKS

Github:// [ArthurGarnier](#)  
LinkedIn:// [arthurgarnier-fr](#)

## COURSEWORK

### GRADUATE

Cloud Computing Administration  
Application Security  
Compilers  
Operating System

### UNDERGRADUATE

Unix Tools and Scripting  
Object Programming  
Functional Programming  
Java UI dev

## SKILLS

### PROGRAMMING

Expert:  
Python  
Advanced:  
Shell  
Familiar:  
Java • PHP • Ruby

### SYSTEM ADMINISTRATION

Apache • Ansible • Systemd • Gitlab HA •  
Server Provisioning • Redhat Satellite •  
HAProxy • SSH • Git • Postfix • Fail2Ban  
• Rsyslog • Puppet • Jenkins

## EXPERIENCE

### EUROINFORMATION PRODUCTION | LINUX TEAM MANAGER

May 2023 – Today | Schiltigheim, 67300, France

Lead the team in charge of :

- The implementation and security of the technical foundation for the group's Linux systems
- Ensuring high availability, maintenance in Operational and Security Condition of Continuous Integration chain (Source code management software, Build system, Repository manager)
- Providing tools to deploy progressively and safely on servers (Large deployment over the infrastructure & Continuous Delivery)

### EUROINFORMATION PRODUCTION | LINUX SYSTEM ENGINEER

Oct 2017 – May 2023 | Schiltigheim, 67300, France

- Provided tools to improve reliability of production deployment
- Support other teams to debug their Linux servers
- Automated installation of secured Redhat
- Developed tool to check file integrity based on policies (PCIDSS requirement)
- Responsible of Linux hardening for PCIDSS (and others standards)
- Level 3 support

### INRIA | SYSTEM ADMINISTRATOR (SANDWICH COURSE) OF GRID'5000

([HTTPS://WWW.GRID5000.FR/](https://www.grid5000.fr/))

Sep 2014 – Aug 2017 | Villers-lès-Nancy, 54600, France

- Managed VM migration from Puppet2/Debian Wheezy to Puppet4/Debian Jessie
- Developed tool (PoC) to instantiate complex network topologies
- Migrated database from MySQL to PostgreSQL and patched all related tools
- Maintained recipes for Kameleon (<http://kameleon.imag.fr/>) to generate our Linux images
- Developed tool to allow users to use sudo permission and ensured that we know if they does
- Hardware maintenance and installation of clusters in a datacenter
- Support to users (most of the time via e-mail)

### IMINDS | DEVOPS (INTERNSHIP)

Jun 2016 – Aug 2016 | Gent (Gand), Belgium

- Developed XMLRPC API for the Fed4Fire+ European Project
- Used Docker to create a fake testbed
- Improved an existing project (<https://github.com/GENI-NSF/geni-tools>)

### INRIA | SOFTWARE DEVELOPER (INTERNSHIP)

Apr 2014 – Jun 2014 | Villers-lès-Nancy, 54600, France

- Worked and interpreted data from wireless sensor network
- Developed tool to analyse data from database
- Developed graphical interface to visualize realtime data

### FLUNCH (NOT I.T. RELATED) | MULTI-SKILLED EMPLOYEE

Oct 2013 – Aug 2014 | Frouard, 54390, France

## ACTIVITIES AND INTEREST

- Avid reader : Read lot of news, especially IT news
- Experimented system administrator : Set up and managed some services on my server like etherpad, gitlab, mattermost, game server, ...
- Regular developer : Script some tools to automate and make easier some tasks
- Active forum helper : Understand and fix some people IT issues.

## BONUSES

Languages	French (Mother Tongue) English (Fluent - TOEIC 820) Spanish (Beginner)
Driving	Full current driving licence
References	References available upon request