

## Address

Centre ville  
35000 RENNES  
FRANCE

# Colin LEVERGER - Ph. D.

Data Engineer & DevOps - GCP Cloud Architect Certified

## Tel

+33 (0)6 30 83 62 59

## E-Mail

colin.leverger@orange.fr

## Web & Git

colinleverger.fr  
lnkdin.me/cleverger  
github/ColinLeverger

## Lang. & Tech.

### Main:

Python: 5+ years  
Bash/Unix: 7+ years

### Experienced:

Scala/Java: 4 years  
HTML/PHP: 4 years

R: 3 years

### Used in the past:

JavaScript: 2 years  
SQL: 1 year

## Spoken

French: native  
English: C1+

## DevOps exp.

Docker: 5+ years  
Outils CI: 4+ years  
GCP/k8s: 2+ years  
Ansible: 1 year  
OpenStack: 1 year  
ELK: 1 year

## Interests

Data Science,  
Cybersecurity,  
Continuous  
Integration,  
Big Data, etc...

## Soft skills

Autonomy  
Passion  
Curiosity  
Method  
Communication  
Creativity  
Tenacity

## Experience

01/21 - Now	<b>Data Engineer</b> <span style="float: right;">Orange Innovation, Rennes - FRANCE</span> Work in a team of experienced developers on Data Engineering tasks. Development of Cloud solutions (GCP) in Python to facilitate the work of the teams (Data Scientists & developers). Various topics covered (cybersecurity & CyberHunter, tooling, project management, communication with providers, research in Data Science, etc.). Supervision of an engineering intern. Involvement in the life of the team (on-site ambassador, among others).
10/17 - 11/20	<b>Ph.D. candidate</b> <span style="float: right;">Orange Innovation, Rennes - FRANCE</span> Research in the field of Capacity Planning. Development of Machine Learning algorithms using Pandas, Python, R, and mining of time series datasets to make predictions in the context of infrastructure performances. Work both at INRIA and Orange Labs. Published 3 papers in national and international conferences (details and references available upon request).
2017 - 2022	<b>Lab assistant</b> <span style="float: right;">Université de Rennes 1 and E.N.S.A.I, Rennes - FRANCE</span> 125 h as a lab assistant at Université de Rennes 1 and E.N.S.A.I Rennes for license and master students. Proposed one CLI application/web scraper in Python 3 as project subject.
02/19 - 05/19	<b>Visiting researcher</b> <span style="float: right;">National Institute of Technology, Tokyo - JAPAN</span> 3 months research experience in NII labs at Tokyo. Developed a R Shiny dashboard for displaying massive amount of time series. Initiate brand new research collaboration.
09/14 - 09/17	<b>Apprentice Software Engineer</b> <span style="float: right;">Orange Labs &amp; Services, Rennes - FRANCE</span> Apprenticeship to develop software in Scala following a DevOps methodology in a team of 14 Metrology experts. Experimented with the ELK stack, Grafana and influxdb for massive log processing. Developed some Machine Learning algorithms in the Capacity Planning speciality. Use of Scala, Spark, Elasticsearch, Logstash, Kibana, R, Openstack, influxdb, Gatling, Jmeter, etc...
02/15 - Now	<b>Systems and network engineer</b> <span style="float: right;">On my own, Rennes - FRANCE</span> Management of my dedicated server. Use of Docker to manage virtual services, Jenkins to do some DevOps and deploy automatically, Ansible to script and configure the server. Play with ELK stack and Grafana dashboards for monitoring the services and cyberattacks.

## Higher education

09/16 - 02/17	<b>ERASMUS</b> <span style="float: right;">Roskilde University, Roskilde - DENMARK</span> 5 months abroad, ERASMUS exchange in Denmark for the last academic semester of my Master Degree. <u>Main subjects</u> : IT-architecture and user driven software design, Security, Big Data, Danish.
09/14 - 09/17	<b>Master 2 Degree in Computer Engineering</b> <span style="float: right;">E.N.S.S.A.T., Lannion - FRANCE</span> Curriculum Networking, Multimedia & Computing Science. <u>Main subjects</u> : Network Applications, Systems Architecture, Design of Services & of User Interfaces. Participated to a lot of software development projects, some of those can be found in my web portfolio <a href="https://colinleverger.fr">https://colinleverger.fr</a>

## Skills

Computing	<b>Notable tools</b> FastAPI, Gitlab-CI, Pandas, NumPy, scikit-learn, Tensorflow, Matplotlib, Jupyter Notebook, R, ggplot2, Git, Spark, influxDB, massive grid computing, Khipos coclustering tool @Orange
	<b>MOOCs Coursera &amp; Certifications</b> GCP Cloud Architect Certification 2023, Scala Specialization, Data Engineering GCP, etc.
Hobbies	<b>Sport</b> Ashtanga Yoga, intermediate level. Regular runner, climber and swimmer.