



Quang-Minh DAO

DEVOPS, SYSADMIN, DATA ENGINEER

Until we find the answer, even if we are dead, the adventure will not end... !

Education

- Since Feb. 2020 ● **Doctor of Philosophy**
Sorbonne Université Paris
- Since May 2011 ● **Master of Science**
Hanoi University of Science and Technology Hanoi
- Since Jun. 2008 ● **Bachelor of Science**
Hanoi University of Education Hanoi

Work experiences

- From Mar. 2020 to Jun. 2020 ● **DevOps Engineer**
IRD Paris
Hand over administrator tasks, maintain HPC cluster and propose a storage system using CEPH. (Linux, Shell script, CEPH)
- From Dec. 2016 to Dec. 2019 ● **DevOps Engineer**
ICAN Paris
Deploy & maintain HPC cluster with performance of 22.8 TFLOPS including 18 physical nodes of 800 cores, 2.6TB RAM and 350TB storage. (Linux, Shell script, NFS, LDAP, Kubernetes, Docker, Gitlab, RStudio, Jupyter)
- From Jan. 2019 to Mar. 2019 ● **DevOps Engineer**
Bee The Move Paris
Optimize micro services of Bee-The-Move social network using Kubernetes Ingress controller of Traefik, Nginx. (Linux, Kubernetes, Docker, Network)
- From Sept. 2015 to Dec. 2019 ● **Assistant Research Engineer**
ICAN Paris
Deploy a pipeline called QMSpy to allow bioinformaticians to do quantitative metagenomics analyses which are programmed in Python and PySpark to overcome challenges in big data. (Linux, Spark, PySpark, Python, HDP, PHP, JS, R)
- From Feb. 2011 to Apr. 2011 ● **Internship in HPC**
CDAC Pune, Chandigar
Linux, Shell script, HPC, Network

About

- ✉ minhdq.hust@gmail.com
- 📍 30 rue Verrollot, 94200 Ivry-sur-Seine
- 🔗 <https://integromics.fr/~minhdq/>
- ☎ 06 52 90 35 22

in @quang-minh-dao

Computer skills

Languages Shell script, Python, PHP, R, HTML5, Javascript, CSS3

Framework Hortonwork Data Platform, PySpark, Spark, Kubernetes, Docker, Gitlab

IDE and Utilities Visual Studio Code, Git, DreamWeaver, JupyterLab, RStudio

Environment CentOS, Ubuntu

Languages

Vietnamese Mother tongue

English Upper-intermediate

French Elementary

Interests

Instrument music

Board games

Fantasy novel