

Marc DAMIE

Computer Science Stud.



10/11/1998



Compiègne, France



My Git*: Lab or Hub



My Website

About me

Forth-year Computer Science Student.

In a perfect world, I would work on data privacy problems.

Skills

C/C++ • R • Scylla (CQL) • MongoDB

Docker • \LaTeX • SQL • Redis

Git • Python • Django|Flask • Elastic

Other technologies: XML, XSLT, ASM, Scilab, UML, php, Bash, HTML|CSS, JS

Languages

French ★ Mother tongue

English ★ Fluent (C1)
TOEFL iBT score = 105 out of 120

Spanish ★ Advanced (B2)

Russian and Chinese ★ Beginner

Interests

- eSport
- Ultimate Frisbee
- Krav Maga
- Setting the world (or Comp. Sci.) to rights around a pint

More about me

On my website, you can find this information and even more including other projects and the courses I have taken

Education

2016 → 2021 Master's Degree in Computer Science
University of Technology of Compiègne (UTC)
Specialized in: Data & IA
Minor: Philosophy, Technology and Cognition

Compiègne

2016 French scientific Baccalauréat
Obtained with highest honors

Vaujours, France

Work experience

2/20 → 7/20 Research intern in cybersec. group
Internship in the Services and CyberSecurity group. I am working on attacking *Searchable Encryption* using *Machine Learning* methods.

Enschede, Netherlands

Python nltk pandas numpy

8/19 → 2/20 Python Back-end intern in a cybersec. company
I am a back-end intern in Gatewatcher, a cybersecurity company. I work on the Trackwatch which has a security visa from French National Cybersecurity Agency (ANSSI).

Paris, France

My missions were: Back-End Python dev., CI improvement (Gitlab, Docker, etc.) and Data Engineering (ELK especially ILM, Redis, etc.)

Python ElasticSearch Django Docker Flask Redis JS

Summer 2017 Intercultural internship (Volunteering)
Volunteering in a social enterprise (The Missing Sock) organizing weddings : cooking, cleaning, hospitality, bar-tending, maintenance of green spaces,...

Cambridge, UK

Volunteering in non-profit associations

2/18 → now Volunteer then treasurer d'un FAI associatif
Rhizome is a non-profit ISP providing events (like Imaginarium Fest.) and subscribers with internet access. Promotion of open-source and free-culture movement.

Rhizome

Réseaux WiFi Bash Docker Django

2017 → 2018 Communication and Partners Manager
Organization of the third edition of TEDxUTCCompiègne

TEDxUTCCompiègne

Other involvements

2017 → now Student representative in the board of directors

UTC - Compiègne

University projects

Big Data Simhash for Scylla (CQL):
Open-source implementation of Charikar's SimHash. Used for crawling purposes. This implementation can be chosen for big data projects because it uses Scylla which is a distributed NoSQL data store.

UTC

Python Scylla Cassandra Query Language

Sys Admin Introductory courses on system and network administration
Courses on PostgreSQL administration, DNS, and Linux (SSH, Web server). Open-source content.

UTC

PostgreSQL Docker Bind9 XLSX Nginx

Network Sci. Graphs of Web entities structures
I made graphs of Web entities structures highlighting strategies for occupation of the Web territory. [One graph with analysis]

UTC

Python Gephi