

Jad Darrous

A passionate in computer science R&D looking for new opportunities with large-scale system challenges!

15 Rue du Gros Chêne
44300 Nantes, France
(33) 7 82 97 26 89
jad.darrous@gmail.com
<https://jad-darrous.github.io>

EXPERIENCE

Inria, Nantes, France — Research Engineer

Jan. 2020 - Jun. 2020

Implement dynamic erasure-coding chunk scheduling in Hadoop DFS.

SEP for E-learning, Damascus, Syria — Software Developer

Jan. 2013 - Jul. 2014

Develop various core features for the Epub3 reader software in Java.

EDUCATION

École Normale Supérieure (ENS) de Lyon, Lyon, France — Ph.D. in Computer Science

Oct. 2016 - Dec. 2019

Large-scale data management in distributed cloud environments. My research results in 3 papers in top international conferences and open many perspectives.

University Grenoble-Alpes, Grenoble, France — Master in Computer Science

Sep. 2016 - Jun. 2016

Damascus University, Damascus, Syria — Bachelor in Computer Science

Sep. 2007 - Jun. 2012

RESEARCH PROJECTS

Nitro — VMI management in geo-distributed clouds

Nitro is a Virtual Machine Image (VMI) management system that improves service provisioning in geo-distributed clouds. Nitro leverages deduplication to reduce the network cost, while it incorporates a network-aware chunk scheduling algorithm that produces an optimal scheduling for data retrieval. Codebase: 1500 LoC in Python.

SKILLS

Python, Java and C++.

Hadoop, Spark, Docker, OpenStack, Ansible, and Git.

Familiar with web technologies, databases, networking, and Machine Learning.

Critical thinking, creative problem-solving, teamwork spirit, and writing skills.

AWARDS

PERSIVAL-Lab scholarship for academic excellence; during the second year of the master (2015-2016).

ACM-ICPC programming competitions; many awards as contestant, coach, and judge.

LANGUAGES

Professional proficiency in French and English.

Native Arabic speaker.

HOBBIES

Cycling and hiking.