

Mahdi GUEFFAZ

Web Developer & DevOps

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34 years old

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Driving license B

<http://mahdi.gueffaz.free.fr/resume/>

EXPERIENCE

2017 – until now

GRDF

- Development/maintenance web application
- Database management
- Development of automated migration scripts
- Supervision of trainees
- Technical manager

2014 – 2017 (3 years)

LEXSI-Orange CyberDefense (Groupe Orange)

- Development/maintenance web and mobile application
- Database management
- Development of database migration / modification scripts

2013 – 2014 (1 year)

Signal and Image Processing Laboratory (LTSI)

- Detailed study for the realization of an ontology enrichment system
- Development of an automatic tool for enriching a knowledge base from high school and college school documents

2009 – 2013 (3 years)

Laboratory of Electronics and Computer Science of Image (LE2I)

- Detailed study of the different temporal logic query resolution algorithms and implementation of an algorithm based on Model Checker
- Proposed ontology transformation and verification algorithm based on Model Checking technique
- Development of an ontology query language based on temporal logic
- Development of a new methodology to check ontology evolution
- Teaching programming languages, C/C++, Java, web language (HTML, CSS, PHP)

2009 (6 months)

Laboratory of Electronics and Computer Science of Image (LE2I)

- Detailed study of routing algorithms in mesh radio networks
- Proposal of a routing algorithm to reduce transmission time and avoid obstacles during transmission

2008 (6 months)

Computer Systems Laboratory (LSI)

- Study of models used to describe Web Services, and languages to orchestrate them
- Proposal of a conceptual model for a Web Services-oriented application
- Managing the cooperation and interoperability of multiple Web Services with Workflows
- Development of a Web Services-oriented application prototype

SKILLS

Operating systems

Linux

Programming language

PHP, Python 3, SQL, Java, JavaScript, NodeJs, Bash

Data structuring

HTML, CSS, XML, JSON

Framework

Symfony, React, Flask

Databases

MySQL

Versioning

GIT

Virtualization

Docker, docker compose, Amazon AWS

Automatization & build

Jenkins, Ansible

Admin servers

Apache

Methodologies

Agile (Scrum & Kanban)

Languages

English

Good level

Arab

Mother tongue

EDUCATION

2013 – 2014

Post Ph.D. Computer science

Télécom ParisTech, Paris, France

2009 – 2012

Ph.D. Computer science

University of Burgundy, Dijon, France

2008 – 2009

Master's degree 2 Computer science

University of Burgundy, Dijon, France

2003 – 2008

Engineering in Computer science

University of Algiers (USTHB), Algeria

AREA OF INTEREST

Hobbies

Private Pilot License Aircraft (6 years), Book reading, Travel, Cinema

Sports

Swimming (3 years)