



Adel Ferdjoukh

Software Technical Leader



30 years



Toulouse, France



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About me

PhD. in software engineering. Worked in 4 universities (France & Austria). Currently, I am Software Technical Leader at *Capgemini Engineering* in Toulouse. I conceive software for engineers using Java, Python, Agile and DevOps, participate in R&D projects, supervise developers and interns, answer RfQs and create software trainings.

Main Skills

Java

Eclipse EMF, RCP

DevOps

Scrum

Others :

Python, Bash, Jira, Kanban, Git, Jenkins, SonarQube, Xtext, Ontologies

Languages

French, English, Arabic, Kabyle, German (beginner)

Interests

African History and Post-crossing.

Experience

- since 2019 **Software Technical Leader** Capgemini Engineering
I develop and supervise developers on software projects for clients such as Airbus and Bosch. I participate to RFQ answers and provide trainings on Software Methods.
- 2018 **Researcher & Teacher** Technische Universitat Wien
I was conducting research on Model Driven Engineering and I gave courses on Graphical Modelling in English
- 2016-2018 **Researcher & Teacher** Universite de Nantes
I was responsible of students groups for many computer science courses : programming, databases, web programming and I conducted researches on Model Driven Engineering
- 2013-2016 **Young Researcher** Universite de Montpellier
I was preparing my PhD in computer science in *Lirmm* research lab and teaching computer science courses in the *Faculty of Sciences*

Education

- 2016 Ph.D. candidate in Computer Science Universite de Montpellier
A Declarative Approach for Model Generation
- 2013 Master in Computer Science Universite de Montpellier
Specializing in Software Engineering

Notable Facts

- Industrials Teaching** Airbus, Bosch Automotive, Dassault Systems
+850 hours teaching in 4 universities, +10 different topics and trainings for engineers.
- Publications** 10 papers in journal, international conferences or workshops
- Best Paper** ICSEA 2017, Athens, Greece
- Talks** Montpellier, Nantes, Lille, Angers, Paris, Bordeaux, Washington DC, San Francisco, Oslo, Copenhagen, Athens & Vienna.
- Certification** Professional Scrum Master I



Current & Past Projects

- SharCC** Advanced Developer Bosch
A platform for car ECU parametrization, 30 developers. using : Java, Eclipse RCP, Scrum and DevOps
- OptimWB** Architect & Developer Airbus
A tool for MDOptimization using Gemseo, demonstrating the use of Gemseo for creating complex optimization loops studies.
- HQ Workb.** Architect & Scrum Master Airbus
Digital Transformation of HQ Data and Tools
- IG workbenches** Technical Leader & Developer Airbus
Workbenches for various aerodynamics studies, 4 years project, using : Eclipse RCP, Java, Git, DevOps and Python
- Optimind** R&D Project Leader Altran Research
A Model-Based toolbox for engineers
- Grimm** Architect & Developer Lirmm
Automatic Model Generator

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