



Adel Ferdjoukh

Software Technical Leader



32 years



Toulouse, France



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About me

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

Main Skills

Java

Eclipse RCP, EMF

JavaScript, TypeScript, Angular

DevOps

Agile

Others :

Python, Bash, VersionOne, Maven, Artifactory, Kanban, Git, Jenkins, SonarQube, LDAP, Ontologies, Kubernetes, Docker

Languages

French, English, German (beginner)

Experience

- since 2022 Software Technical Leader *Sopra Steria*
Designing & developing software for Airbus flight test department using Java, Angular in agile and DevOps framework. Supervising the work of other developers.
- 2019-2022 Software Technical Leader *Capgemini Engineering*
Developed and supervised developers for Airbus, Bosch. RFQ answers. Gave Trainings on Software Methods.
- 2018 Researcher & Teacher *Technische Universitat Wien*
Conducting research on Model Driven Engineering and giving courses on Graphical Modelling in English
- 2016-2018 Researcher & Teacher *Universite de Nantes*
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*
Preparing a PhD in computer science at *Lirmm* research lab and teaching computer science courses in the *Faculty of Sciences*

Education

- 2016 Ph.D. 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 3 Airbus departments, 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

- Airbus fl. test Technical Leader & Developer 2022 →
Design the migration of a 10 years web application to Angular. Up to 4 people. JS/TS, Angular, LDAP, DevOps
- Altran R&D Researcher & Project Leader 2022 →
Develop a cockpit simu. replay tool using : Java, DevOps(Jenkins, Kubernetes, Docker, Arinc429)
- Airbus Design Technical Leader & Developer 3.5 years
Workbenches for various aerodynamics studies, up to 5 people, using : Eclipse RCP, Java, Git, DevOps and Python
- Bosch Advanced Developer 1 year
A platform for car ECU parametrization, 30 developers. using : Java, Eclipse RCP, Scrum and DevOps
- Airbus Design Software Architect & Developer 1 year
A tool for MDO optimization studies. Java, Python, Gemseo
- Airbus Simu. Architect & Scrum Master 6 months
Design an application for enhancing legacy tool interoperability. Java, DevOps, Model-Based