

# Curriculum Vitae

**Adel Ferdjoukh, Phd**

Vienna, Austria

Nationalities 

27 years.



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**Area of expertise:** Computer Science, Software Engineering, Model Driven Engineering.

**Current position:** Post-doctoral research at TU Wien (Technical University of Vienna)



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## EDUCATIONAL SUMMARY

- 2013-2016** › Phd in computer science at Montpellier University. Thesis entitled: "A Declarative Approach for Model Generation" and supervised by Marianne Huchard, Clémentine Nebut, Eric Bourreau and Annie Chateau. Defended on october 20<sup>th</sup>, 2016.
- 2012-2013** › Master Degree in Software Engineering in Montpellier university.
- 2011-2012** › Master Degree (first year) in Networks and Distributed Systems in Bejaia University, Algeria.
- 2009-2011** › Bachelor in Computer Science in Bejaia University.
- 2008** › Baccalaureate in Mathematics.

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## WORK EXPERIENCE

- 2018 →** › **Post doctoral researcher** at TU Wien, Austria.
- 2016-2018** › **Assistant professor** at the university of Nantes, France.
- 2014-2016** › **Assistant lecturer** at the university of Montpellier, France.
- 2013-2016** › **Phd candidate** in Lirimm laboratory, Montpellier, France.
- 2013** › **Intern** in Lirimm laboratory in Montpellier.

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## PUBLICATIONS

- Number of publications › 1 international journal article, 5 articles in peer-reviewed international conferences, 1 article in peer-reviewed international workshop and 1 English article in a French peer-reviewed conference
- Acceptance rate › min: 27% max: 40%
- Best Paper Award › ICSEA 2017 (Athens, Greece)
- Number of citations › 50 (in august 2018)

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## NOTABLE FACTS

- Best paper award › ICSEA 2017
- International collaboration › involved in Disolo, a european reseach project between Nantes & Oslo
- Reviewing › JFPC'14, MODELSWARD'16, ISSRE'17, RCIS'18, ICSEA'18, ICWE'18

## NOTABLE TALKS

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- 10/2018** › Towards an Automated Fault Localizer while Designing Meta-models, MDEbug@MODELS conference, Copenhagen, Denmark.
- 07/2018** › Advances in Model Generation and Model Transformation Testing, BIG seminar, Vienna, Austria.
- 10/2017** › Measuring Differences And Improve Diversity In MDE, ICSEA Conference, Athens, Greece.
- 03/2017** › Automated Generation of Meaningful Data, Simula lab., Oslo, Norway.
- 07/2016** › A Model-Driven Approach to Generate Relevant and Realistic Datasets, SEKE conference, San Francisco, USA.
- 03/2016** › Génération de modèles “probablement” plus pertinent, Empirical SE day, Paris.
- 06/2015** › Génération de modèles, approche basée sur la Programmation par Contraintes, GDR/GPL, Bordeaux, France.
- 02/2015** › Instantiation of Meta-models constrained with OCL: A CSP Approach, Conférence ModelsWard, Angers, France.
- 11/2013** › A CSP Approach for Metamodel Instantiation, Conférence ICTAI, Washington DC., USA.

## TEACHING

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- Universities › University of Montpellier (2 years), University of Nantes (2 years), TU Wien (1 semester)
- Subject › Algorithms & Programming, Data structures, Object oriented programming, Data bases, Networks, Web programming, Software Development & Model Driven Engineering (×2)
- Programming › C/C++, bash, Java, HTML/CSS, PHP, Javascript, Eclipse, Typescript, Git, EMF
- Level of study › Bachelor 1st, 2nd & 3rd year. Master 1st & 2nd year
- Amount › 670 hours

## SUPERVISING

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- 2014** › Co-supervisor of Felix Vonthron on the encoding of OCL constraints into CSP Master
- › Co-supervisor of Olivier Perrier on the encoding of OCL constraints into CSP Master
- 2015** › Co-supervisor of Florian Galinier on java projects metrics Master
- 2016** › Co-supervisor of Florian Galinier on the application of genetic algorithms for model generation Master
- › Co-supervisor of Meddy Urie on the programming of an Eclipse plug in for Grimm tool Bachelor

## COMMUNITY LIFE & VOLUNTEERING

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- 2016** → › **Web master** at association of Berber culture, Nantes
- 2014-2015** › **Co-organisation** of doctoral seminars in Lirmm laboratory (Semindoc@Lirmm).
- 2014** › **Co-organisation** of doctoral conference day in Montpellier (Doctiss'14).
- 2013** › **Volunteering** at Ecoop, Ecsa, Ecmfa conferences in Montpellier, France.
- 2012** › **Communication Officer** of Bejaia City patrimony protection association in Algeria.
- 2011-2012** › **President** of student association in Bejaia University (CSI Bejaia). My work was to manage a team and to organize events related to Computer Science.
- 2011** › **Coding** a web portal to an Association using .NET technologies.

## LANGUAGES

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English, French, Arabic, Berber.

## OTHER

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**Programming languages** › Java, EMF, C/C++, L<sup>A</sup>T<sub>E</sub>X, R, Pascal, Delphi, OCaml, ASP.NET, PHP, HTML/Css, Estelle, Matlab, Flex, Prolog, Kermeta.