

Dorine Tabary

Curious and passionate

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Driving licence



Resume

Professional Experiences

- September 2018 **PhdD student**, *RT team at IRIMAS*, Colmar.
Interoperability of communication technologies in vehicle networks in the smart city
- January-June 2018 **Internship in Operations Research**, *MAORE team at LIRMM*, Montpellier.
Optimization of the scaffolding algorithm (reconstructing a genome from data)
- June-July 2017 **Internship in Mathematics and Computer Science**, Montpellier.
Analyze and modeling of a type of Rubik's Cube.
- July-August 2015 **Internship in illustration**, Lyon, Applas created from the comic book "Eluveitie" by Chane.
Software used: Photoshop

Education

- 2013-2018 **Bachelor's Degree in Computer Science and Master's Degree in Theoretical Computer Science**, *UM*.

Scientific Research

International Articles

- WiOpt 2020 **A new strategy for the selection of communication technologies in VANETs with fully controllable vehicles.**
- COCOA 2018 **New results about the linearization of scaffolds sharing repeated contigs.**

Other activities

- 17-18 October, 2019 **JNCT**, *National Conference in Colmar*, speaker, member of the organizing team.
- 20-23 February, 2019 **MasterClasses in particle physics**, *Colmar*, member of the organizing team.
- 16-17 May, 2019 **Net4Workshop**, *National Conference in Colmar*, member of the organizing team.
- 3-5 October, 2018 **JNCT**, *National Conference in Clermont-Ferrand*, listener.

26-28 June, **ISMP**, *International Conference in Bordeaux*, member of the organizing team.
2018

Teaching missions

2019-2020 **Teacher**, *IUT-1st year*, Colmar, Dynamic web.

2019-2020 **Teacher**, *IUT-1st year*, Colmar, Static web.

2017-2018 **Tutor**, *HelloWorld*, Montpellier, "Calculus and Calculation Models" Courses.

Computer skills

Programming languages and realized projects

C/C++/Python/Java

Huffman Compressor, Takuzu, L-Systems, ToDoList

HTML/CSS/JSON/noSQL

WikiQuizz, Personal website

Optimization software

ChocoSolveur/Julia/Scip

Scaffolds, Takuzu

Image software

Photoshop/Blender

Simulation software

ns3/JBotSim

VANETs

Hobbies

Games : Role-playing games, board games, strategy games, video games

Reading : science-fiction, novels, comics,...

Association : Multimakers (president), Portail ludique (member)