

Thomas Mari

Master Student

12 Square de Sétubal

53200 Rennes

☎ 06 19 46 05 55

✉ thomas.mari@ens-rennes.fr

🌐 <http://perso.eleves.ens-rennes.fr/people/Thomas.Mari/>

Experiences

- Mai 2018 **Summer Internship, Masaryk University, Brno, Czech Republic.**
à juillet 2018 ○ Internship in the FORMELA research team under the direction of Vojtech Rehak. The objectives were to compare different approaches to analyze Continuous-time Markov chain with alarms. ([Report](#), [Slides](#))
- 2017 – 2018 **Internship, INRIA Rennes, Rennes, France.**
○ Internship in the SUMO research team under the direction of Nathalie Bertrand, Loic Hélouët and Ocan Sancur. This work was done with Benjamin Bordais and Julie Parreaux. The subject was the rail regulation for subways, especially generate policies with checked behaviours considering delays. ([Report](#), [Slides](#))
- Mai 2017 **Summer Internship, INRIA Rennes, Rennes, France.**
à juillet 2017 ○ Internship in the SUMO research team under the direction of Loic Hélouët. The subject was to implement an unfolding algorithm for Petri nets. The purpose is to create Branching processes to diagnostic system with hidden events. ([Report](#))
- 2015 – 2016 **Research project (TIPE).**
○ In collaboration with M. PAPAZIAN Maître de Conférences at Polytech Nice Sophia-Antipolis
Subject : Tiling a rectangle with squares, finding an optimal tiling (open problem in 2016), sub problem : Regular tiling and quantifying the efficiency of the greedy algorithm.
- 2014 – 2015 **Research project (TIPE).**
○ In collaboration with the research team BIOCORE of INRIA Sophia-Antipolis
Subject: Propagation models SI, SIR, SIRS, cellular automata, modeling the bubonic plague and currents tuberculosis.

Education

- 2018 – 2019 **Master 2 SIF in computer science, Université de Rennes 1.**
- 2016 – 2019 **Magistère in Computer Science, ENS Rennes.**
- 2017 – 2018 **Master 1 SIF in computer science, Université de Rennes 1.**
- 2016 – 2017 **Bachelor Degree in Research and innovation, Université de Rennes 1.**
- 2013 – 2016 **Preparatory classes for high scientific school (competitive exams) : MPSI + MP Option Computer Science, Centre international de Valbonne,**
Followed classes : Mathematics, Physics, Computer Science, Chimie, English, Literature and Philosophy, Physical Education.
- 2013 **Baccalauréat Scientifique Major Mathematics Option Music and Geography. Mention Bien : 14,63/20.**
- 2010 – 2013 **High school, Lycée Amiral de Grasse, GRASSE.**

Compétences en informatique

OS GNU+Linux

Programmation Java, OCaml, Python, C, C++, R, Scala, Latex

Model Checker Prism, Storm, Oris

Anglais Advanced – Toeic 955 / 990

French Native Speaker

Spanish good notions

Hobbies

Sax, Hiking, Cooking