

Olivier Marty

4 rue des Alouettes,
49 610 Mûrs-Érigné
FRANCE

+33 6 99 71 98 78

✉ omarty AT ens-cachan DOT fr

🌐 oliviermarty.net

🌐 OlivierMarty
driving license holder



Personal Details

Date of birth: 21-07-1993 (Age: 22)

Nationality: French

Sex: male

Marital Status: single

Master student in the computer science department of ENS de Cachan, at the MPRI (Parisian Master of Research in Computer Science).

Education

2015-2016 **Master degree, MPRI, École normale supérieure de Cachan.**

2014-2015 **Master degree, MPRI, École normale supérieure de Cachan**, courses at ENS Cachan, ENS Paris, Pierre et Marie Curie Paris 6 university, and Paris Diderot Paris 7 university – ranked 5th – with highest honours.

See the [wikimpri](#) and the [website of upmc](#) for details of the courses.

2013-2014 **Bachelor degree, fundamental computer science, École normale supérieure de Cachan**, ranked 4th – with honours.

See [dptinfo website](#) for details of the courses.

2011-2013 **Classes préparatoires in mathematics, physics, and computer sciences, Lycée Clemenceau of Nantes, France.**

A two-year intensive program preparing for the national competitive exam for entry to French top-level "Grandes Écoles"

Skills

Programming languages C, C++, Java, OCaml, Python, Pascal, Scala, Prolog, Assembleurs x84_32 et 64 bits, CDuce, PHP, SQL, JavaScript/jQuery, HTML, CSS...

Tools & Technologies LaTeX, Git, Svn, Django, Android (developer id : Olivier Marty).

OS GNU/Linux, Windows.

Foreign languages French (native speaker);
English (moderate);
Spanish (basic).

Work Experiences

2015 June-August Research internship at the university of Chile, under the direction of Jose Correa: the Stackelberg minimum spanning tree (StackMST). [report](#)

2014 June-July Research internship at the laboratory LAAS-CNRS of Toulouse, under the direction of Mioara Joldes: square root computing in arbitrary precision. [report in French](#)

2014-2016 Private science lessons with middle & high school students.

2014-2015 Tutelage with 15 years old pupils.
Harp lessons with a 6 years old child.

Publications

- 2015 M1 internship report: Stackelberg Minimum Spanning Tree. [report](#)
- 2015 Mioara Joldes, Olivier Marty, Jean-Michel Muller, and Valentina Popescu. Arithmetic algorithms for extended precision using floating-point expansions. *IEEE Transactions on Computers Journal*, January 2015. In print. [consult](#)
- 2013 TIPE (personal work in *classes préparatoires*): a new pruning for the algorithm minimax – application to a game: four in a row. [report in French](#)

Interests

- Music Harp and music theory during 14 years
- Travelling Chile, England, Scotland, Spain, Morocco, Sweden, Portugal, Belgium, Germany.
- Programming 13th at SWERC 2015, honourable mention at SWERC 2014, Google Code Jam, Google Hash Contest Code, Facebook Hacker Cup, Codeforces, CodinGame.
- Sailing Two times one week on habitable monohulls, catamaran, sailing dinghy, windsurfing.

References

Mioara Joldes, researcher at CNRS in the MAC team, at LAAS.

LAAS-CNRS

7 Avenue du Colonel Roche,
31077 TOULOUSE, Cedex 4 France

Tel: +33 5 61 33 69 26

Email: joldes AT laas DOT fr

Philippe Schnoebelen, senior researcher at CNRS at LSV.

LSV, CNRS & ENS de Cachan

61, avenue du Président Wilson

94235 CACHAN Cedex France

Email: phs AT ens-cachan DOT fr