

Édouard Rousseau

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Education

Studies.....

Université Paris-Sud <i>Master 2 (research) in applied algebra.</i> Third year of Magistère.	Versailles 2016–2017
Université Paris-Sud <i>Master 2 (teaching), Grade: Bien.</i> Agrégation (selective civil service competitive examination for the public education system in France) in mathematics (rank: 159) and CAPES (other competitive examination) in mathematics (rank: 54).	Orsay 2015–2016
Université Paris-Sud <i>Master 1 in mathematics, Grade: Bien.</i> Second year of Magistère.	Orsay 2014–2015
Université Paris-Sud <i>Bachelor in mathematics, Grade: Assez Bien</i> First year of Magistère (three-years optionnal process).	Orsay 2013–2014

Computer skills.....

- Programming
 - C
 - Python (Sage)
 - Julia
 - Scilab
 - R
- Operating systems
 - Linux
 - Windows
- \LaTeX
- Markdown
- HTML/CSS

Language skills.....

- French : mother tongue.
- English : advanded.
- Spanish and arabic : beginner.

Grants.....

Sophie Germain Master Scholarship **2016 – 2017**
International scholarship delivered by the Fondation Mathématique Jacques Hadamard.

Professionnal experience

Laboratoire de Mathématiques de Versailles **Université de Versailles**
Internship *July – August 2016*
Julia implementation of fast algorithms for computing in the algebraic closure of finite fields, supervised by Luca De Feo.

Laboratoire de Recherche en Informatique **Université Paris-Sud**
Internship *June – July 2014*
Study and implementation of a bijection between $2n$ -gones and reduced words of the symmetric group of n elements, supervised by Nicolas M. Thiéry.

Teaching

Second-year students in biology (BCPST) **Lycée Jacques Prévert**
Oral examiner *2016 – 2017*

First-year student in physics (PCSI) **Université Paris-Sud**
Tutor *2013 – 2014*

Participations

Sage days 75: Coding theory.

Miscellaneous interests

- Improvisational theatre: member of a french company (Les Gibbons Masqués)
- Sport: jogging mostly
- Cinema, music, reading