

Stefano SPIGLER

Resume

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| BIRTHPLACE | Padova, ITALY |
| BIRTHDATE | March 16, 1990 |
| PHONE NUMBER | +41 (0) 787 424 858 |
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STRENGTHS

- Fast learner
- Team player
- Strong analytical skills
- Broad experience in computer programming and data analysis
- Effective communication abilities in several languages

WORK EXPERIENCE

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| 2019–2020 | Teaching assistant “PHYS-435 Statistical physics III” at EPFL. |
| 2017–2020 | Postdoc at EPFL, Lausanne and CEA, Paris. Research topics: <i>Learning dynamics, energy landscape and generalization properties in deep neural networks and kernel methods.</i> |
| 2017–2020 | Teaching “Travaux Pratiques IV” at EPFL. Course topics: <i>Deep learning and Statistical physics of learning.</i> |
| 2014–2017 | Ph.D. in Physics at Laboratoire de Physique Théorique et Modèles Statistiques, Université Paris Sud and Ecole Normale Supérieure, Paris. Research topic: <i>Avalanches in glassy systems.</i> |
| 2016 | Teaching assistant for an introductory course on <i>machine learning</i> at the Université Pierre et Marie Curie, Paris. |
| 2015–2017 | Supervision of students in ORT Strasbourg and Tel Aviv University, directing research projects on <i>cold atoms</i> and <i>sympathetic cooling</i> . |
| 2014 | Internship at the <i>Laboratoire de Physique Théorique et Modèle Statistique</i> at the Université Paris Sud, Paris. |

ASSOCIATIONS

- Alumnus of **Scuola Galileiana di Studi Superiori**

EDUCATION

2012–2014 **M.Sc. in Physics of Complex Systems.** Joint programme involving:
Politecnico di Torino, SISSA, ICTP; Université Pierre et Marie Curie,
Université Paris Diderot, Université Paris Sud, ENS de Cachan.

Ranked 1st among the whole class.

2009–2012 Italian *Laurea* (**B.Sc.**) in **Physics**, Università degli Studi di Padova, Padua.

2009–2012 **Scuola Galileiana di Studi Superiori** of Padova, Padua.

*This college is affiliated with the University of Padova; students are
required to pass all the exams each year with grade above 24/30 and average
GPA above 27/30; attendance to additional courses is also required.*

HONORS AND AWARDS

2014 Ranked 1st among the whole class in my M.Sc. in Physics of Complex Systems.

2013 Scholarship awarded by the **Université Paris Sud**.

2009–2012 Full merit scholarship awarded by **Scuola Galileiana di Studi Superiori**.
Ranked 4th among over 600 candidates

2009 National award for achieving the highest grade at the final examination in high school.

2009 National award for the results obtained in the national mathematical olympiad.

LANGUAGES

Italian (native language)

English (full command)

French (fluent)

German (beginner)

INFORMATICS

Full command of *LaTeX* and *Office* suite.

Good knowledge of **several programming languages**:

*C/C++, XML/HTML, CSS, PHP, SQL/databases (basics), Python (Pytorch, Pandas),
Mathematica (basics), JavaScript (basics), Bash (basics).*

OTHER PERSONAL INFORMATION

Swiss B permit

A and B driving licences

Italian citizenship