

Valentin Taillandier

Student in Computer Science

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21 years-old



Education

2017 – ? **Bachelor of computer science**, *École Normale Supérieure Rennes*, France.

The École Normale Supérieure de Rennes (ENS Rennes) is a prestigious public institution of higher education and research and one of the major French Grandes Écoles.

2014 – 2017 **CPGE MPSI and MP* - Mathematics and Physics**, *Lycée Carnot*, France.

3-year intensive undergraduate program preparing for the competitive entrance examinations to French top-level "Grandes Écoles".

2011 – 2014 **Baccalauréat**, *Lycée Eiffel*, France.

Scientific High School, mathematics option.

Professional experience

Now **Teaching undergraduate students**, *Mathematics and Physics*, Rennes, France.

- Baccalauréat training program for high school students,
- Training Khôlles for undergraduate students.

August 2014 **Belle Hortense**, *Dijon*, France.

Chain-work in an industrial laundry.

Computer science skills

Programming languages C/C++, HTML, PHP, Ocaml, Python.

Linux Good knowledge of the Unix Shell and Debian-based distribution.

Latex For papers and presentations.

Life skills

Natural languages

- French: mother tongue,
- English: fluent,
- Japanese: beginner.

Rescue PSC1+ rescue certificate.

Interests

NLP Natural Language Processing is my favorite computer science field. Working on this topic allows me to gather both computer science and linguistics.

Chess I like playing chess with my friends when there is nothing to do. I also practiced chess game in competition.

Japan I am interested in Japanese culture and its language. I travelled to Japan before entering École Normale Supérieure Rennes and took many photos. I also learn Japanese intensively.

Cooking I like to cook for myself or my loved ones. Learning a new recipe is always very exciting.

Involvement in non-profit associations

Bretagne Japon This association aims to spread Japanese culture in Brittany

Atala.org This association aims to develop Natural Language Processing research in France. ATALA plays an essential role in facilitating and promoting this research.

Projects

February 2018 **Lisp Interpreter.**

A from-scratch Lisp interpreter written in C++.

2017 **Automatic Japanese transliteration.**

A python artificial intelligence based library to transliterate Japanese from Latin alphabet into Japanese ideograms.

2016 **Advanced statistics on the chess game.**

A program that computes estimations such as the probability of winning based on certain criteria. The program uses a real-FIDE great master games database to make statistics.