

Julien Vaes

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Education

- 2017 – 2021 **DPhil in Mathematics**, *University of Oxford*, United Kingdom.
- 2015 – 2017 **MSc in Applied Mathematics**, *Université catholique de Louvain*, Belgium.
Grade: Summa cum laude.
- 2013 – 2015 **MSc in Engineering**, *École Centrale de Paris*, France.
GPA = 4.04/4.33.
- 2014 – 2015 **BSc in Applied Economy**, *Université Paris-Dauphine*, France.
Grade: Magna cum laude.
- 2011 – 2013 **BSc in Applied Mathematics/Mechanics**, *Université catholique de Louvain*, Belgium.
Grade: Magna cum laude.

Experience

- 09/2017 – 09/2021 **Doctoral Student**, THE ALAN TURING INSTITUTE, London, United Kingdom.
- 09/2018 – 09/2019 **Teaching assistant (Integer Programming; Networks)**, UNIVERSITY OF OXFORD, Oxford, United Kingdom.
- 09/2015 – 09/2017 **Teaching assistant (Numerical Methods; Mathematics)**, UNIVERSITÉ CATHOLIQUE DE LOUVAIN, Louvain-la-Neuve, Belgium.
- 06/2016 – 08/2016 **Internship**, N-SIDE, Louvain-la-Neuve, Belgium.
As member of the IT department, I have worked on a geographical decomposition algorithm for the European day-ahead electricity market.
- 01/2015 – 06/2015 **Teacher**, LA MAISON DES SCIENCES, Châtenay-Malabry, France.
Helping students from an education priority area (EPA) to catch up on the national school program.
- 01/2014 – 01/2015 **General Secretary**, FORUM CENTRALESUPÉLEC, Paris, France.
This association, certified ISO 9001, organises a one day large scale event giving the opportunity to students to meet companies at the Palais des Congrès de Paris. This event is one of the biggest of its kind in Europe and has a turnover of one million euros.
- 06/2014 – 08/2014 **Placement operator**, LHOIST, Jemelle, Belgium.
As member of the maintenance team for six weeks, I had the opportunity to discover and share the worker's hard conditions in lime plants.

Honors and Awards

- 2014 Education merit award granted by the ASSOCIATION DES CENTRALIENS to 15 students for academic excellence and contribution to student associations of the École Centrale. Awarded full tuition.
- 2011 Education merit award DE BREMAECKER-STOCKHEM (Belgium), based on the academic results of the first year of Bachelors.

Languages

- Native French
- Fluent English, Dutch
- Basic knowledge German, Spanish

Software

- Proficient Java, Julia, Latex, Matlab, Python, R, Scala
- Intermediate AMPL, C, Microsoft Office

Activities

Field hockey, Cycling, Hiking, Skiing, Climbing, Windsurfing