

Pilar Van Der Borgh

Young graduate looking
for first job as engineer

78462 Constance

✉ pilivdb@gmail.com

in pilarvanderborgh

🌐 <https://github.com/pilarvdb>



Education

- 2020–2023 **Academic Master**, *KU Leuven*, Belgium
Master of Mathematical Engineering
During my thesis, I researched the performance of the ANOVA approximation method. This is a method to approximate high-dimensional data sets. It is an alternative to the widely known Neural Networks. The advantage of the method compared to a Neural Network is that the method is inherently interpretable.
- 2022–2023 **ERASMUS Exchange**, *TU Chemnitz*, Germany
Master in Mathematics
- 2017–2020 **Academic Bachelor**, *KU Leuven*, Belgium
Informatics
- 2011–2017 **High School**, *Sacred Heart Institute Heverlee*, Belgium
Latin and Mathematics

Experience

Working Experience

- March 2023–
June 2023 **Junior researcher internship**, *Flanders Make*, Belgium
I did an internship on a project titled "Discrete Event Simulation for optimizing schedules in flexible assembly systems". During this time I created a python code base to automatically analyse log files generated by discrete event simulation models of factory environments.
- July 2017 –
September
2017 **Life guard**, *Sportoase*, Belgium
Primarily I was responsible for the safety of the guests. Next to this, I was a point of contact for people with questions and responsible for a clean and safe environment.

Engagement

- 2018–2019 **Buddy of an international student**, *Pangaea*, KU Leuven
As a buddy I introduced the incoming student to the new city (Leuven) and help the student to find its way around the university.
- 2018–2019 **Volunteer of the international operation**, *Wina Leuven vzw*, KU Leuven
At Wina Leuven (Student Organisation Physics/Mathematics/Computer Science) I helped organising activities for the incoming international students.

Hard Skills

Program languages

Matlab	●●●●●	Julia	●●●●●	C++	●●●●●
Python	●●●●●	Java	●●●●●	Fortran	●●●●●

Verbal languages

Dutch Mother Tongue
English Writing ●●●●● Speaking ●●●●●

German Writing ●●●●● Speaking ●●●●●
French Writing ●●●●● Speaking ●●●●●

Soft Skills

- Communication
- Adaptability
- Teamwork

Recreational Activities

- Running
- Hiking
- Reading
- Swimming