

Pilar Van Der Borgh

Young graduate looking
for first job as engineer

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in pilarvanderborgh



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– **Junior researcher internship**, *Flanders Make*, Belgium

June 2023 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 - **Life guard**, *Sportoase*, Belgium

September 2017 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