

Achille Demares

📍 Geraardsbergen, Belgium ✉ achille.demares@gmail.com ☎ +32 476 77 81 13 in Achille Demares

As a recent mathematics graduate with a strong statistical background, I am passionate about using data analysis to solve real-world challenges. I am currently pursuing an additional degree in statistical data analysis to deepen my understanding of quantitative methods.

Curious and analytical by nature, I am able to break down complex problems and translate data into meaningful insights. Clear communication remains a priority, ensuring effective collaboration across disciplines while adapting quickly to new challenges and environments.

Education

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| Master of Science in Statistical Data Analysis , Ghent University, Belgium | 2024-2025 |
| <ul style="list-style-type: none">• Major: Statistical Science• Elective courses: High-dimensional data analysis, survival analysis, analysis of clustered and longitudinal data, and epidemiology and clinical trials. | |
| Master of Science in Mathematics , Ghent University, Belgium | 2022-2024 |
| <ul style="list-style-type: none">• Major: Applied Mathematics & Computer Science Minor: Economics & Insurance• Master's thesis: "Causal machine learning of the attributable mortality of ICU-acquired acute kidney injury in critically ill patients"• Elective courses: Micro- and macroeconomics, financial mathematics I & II, game theory, banking and finance, investment analysis, insurance law, databases, statistical inference, and machine learning.• Graduated with highest distinction (summa cum laude) | |
| Bachelor of Science in Mathematics , Ghent University, Belgium | 2019-2022 |
| <ul style="list-style-type: none">• Minor: Economics• Graduated with distinction (cum laude) | |

Experience

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| Ghent University , Teaching Assistant (Student Job) | Ghent, Belgium |
| <ul style="list-style-type: none">• "Introduction to Biostatistics" – 2nd-year bachelor's in biochemistry, biology, and chemistry | 2024-2025 & 2022-2023 |
| <ul style="list-style-type: none"><ul style="list-style-type: none">– Supported PC labs in R. | |
| <ul style="list-style-type: none">• Summer Course in Mathematics for Economics | Sep 2024 |
| <ul style="list-style-type: none"><ul style="list-style-type: none">– Assisted in theory lectures and guided exercise sessions. | |
| <ul style="list-style-type: none">• "Statistics and Data Analysis" – 2nd-year bachelor's in pharmaceutical sciences | 2023-2024 |
| <ul style="list-style-type: none"><ul style="list-style-type: none">– Led board exercises and assessed assignments. | |
| Everest Analytics , Team Leader – Data Consultant | Ghent, Belgium |
| <ul style="list-style-type: none">• Led a data consulting project to scale benthic map annotations using satellite imagery and machine learning. | Sep - Dec 2024 |
| <ul style="list-style-type: none">• Applied predictive modeling techniques in Python. | |
| Actuarial and Financial Mathematics Conference (AFMathConf) , Receptionist | Brussels, Belgium |
| <ul style="list-style-type: none">• Provided logistical coordination and guest support at a finance and actuarial science conference. | Feb 2023 & 2024 |

Institute for Agricultural, Fisheries and Food Research (ILVO), Statistician Intern

Merelbeke, Belgium

Aug 2023

- Evaluated accuracy of (non-)linear mixed models in ring test analyses.
- Developed predictive models for soybean growth curves using Gompertz functions in R.

Bacardi-Martini Belgium, Student Job

Vilvoorde, Belgium

Summer 2017 & 2018

- Monitored office and warehouse logistics.

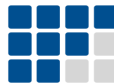
Computer Skills

R
LaTeX
Python
SAS
Java
SQL
MATLAB



Languages

Dutch
English
French



Personal Skills

- Eager to Learn & Adaptability
- Critical Thinking
- Problem-Solving
- Research & Analytical Skills
- Teamwork & Collaboration
- Conceptual Clarity & Effective Communication