

Cath Grivot

Aspiring Data Scientist

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"Knowledge is power, but only wisdom is liberty." - Will Durant

Education

- 2023 - 2024 **Master in Intensive Data Science, University of Cambridge**
- Machine Learning and AI, Statistical Data Analysis, Research Computing, Deep Learning, Image Analysis.
- 2021 - 2023 **Bachelor in Science - Arts and Liberal Sciences, University of Maastricht**
- Optimization, Statistics, Mathematics, Quantum Mechanics, Advanced Mathematical Techniques in Physics.
- 2018 **High School Diploma with Honors, Jean-Baptiste-Say High School**
- Major: Science, Honors: Mention très bien

Experience

- Nov 2022 - **Co-Founder, Aestuarium**
- Jan 2023
- Co-founded a water desalination project.
 - Developed an energy-efficient solution using genetically modified marine cyanobacteria.
 - Finalist at the Maastricht University Challenge, winning the 'Prototyping Award.'
- Sep 2022 - **Student Delegate and Vice President of the Student Council, University of Maastricht**
- Jul 2023 - *Faculty of Science and Engineering*
- Represented students, facilitated communication between faculty bodies, and organized student council meetings.
- Jan 2022 - **Intern, Maastricht Clinic - Clinical Data Science Maastricht**
- Jul 2023
- Developed a Bayesian network prediction system for lung cancer patients.
 - Proficient in advanced statistical methods and programming languages.
 - Collaborated with researchers, acquired and analyzed data.
 - Presented at the European Lung Cancer Congress (ELCC) 2023.
- Apr 2022 - **Student Team Leader, iGEM Competition**
- Oct 2022
- Led the iGEM MSP-Maastricht 2022 team, recipient of the iGEM 2022 Impact Scholarship.
- Aug 2021 - **Human Resources Manager, Enactus Maastricht**
- Jul 2022
- Recruitment, growth, and leadership of Enactus Netherlands' leadership program members.

Skills

- Software Figma, Canva, UCSF Chimera, Git, GitHub, Meshlab, GaussView, Gaussian 09, SPSS
- Programming Java, C++, OOP, Python, Pandas, NetworkX, PyTorch
- Domains Data Science, Machine Learning, Graph Theory, Supervised and Unsupervised Learning Techniques
- Soft Skills Leadership, Teamwork, Communication, Independence, Proactivity
- Languages French, English (C1), Thai (B2)