Nathan Cornille

Curriculum Vitae

	Research	2014–2017	Bachelor engineering sciences, KULeuven, Leuven, 79.22% (Top 10%)
November 2023	Journal paper, Entropy: Special Issue "Causality and Complex Systems". Causal Factor Disentanglement for Few-Shot Domain Adaptation in Video Prediction	2008–2014	of 326 students). Option Mechanics - Computer Science Secondary education, Sint- Michielscollege Brasschaat, Brasschaat, 88.7%.
February 2022	Journal paper , Frontiers in Artificial Intelligence. Critical Analysis of Deconfounded Pretraining to Improve Visio-Linguistic Models	Teac	Option Ancient Greek - Mathematics Working Experience hing
—— Prese	entations	2018-2021	Teaching Assistant , KULeuven,
May 2023	Oral and poster presentation, Colloquium on Fundamental Challenges on Causality, Grenoble. Investigating the Effect of Causal Mechanism Alignment on Transfer Learning for Few-Shot Video Prediction		Leuven. Natural Language Processing (2021, 2022), Object-Oriented Programming (2019, 2020, 2021), Science Communication (2021), Methodology of Informatics (2018,2019)
November	Poster and flashtalk, From Neuro-	2016 - 2018	Math tutor, Sagio vzw, Leuven.
2020	science to Artificially Intelligent Sys-	—— Indus	stry
	tems, Virtual. DIRT: Distributed Internal Regression Transformer	Summer 2019	Associate Consultant Intern , <i>Bain & Company</i> , Brussels.
December 2019	Oral and poster presentation, 3rd Human Brain Project Curriculum Workshop on Cognitive Systems, Glasgow. Improving Language Understanding in Machines through Anticipation	Summer 2018	Working on a European pricing strategy for a large consumer-goods company Blockchain intern, IntellectEU, New York City. Doing research into methods for privacy in permissioned blockchains and automating
— Dissertations		Summer 2017	financial message mapping
June 2019	$\begin{array}{lll} \textbf{Master} & \textbf{thesis}, & \textit{KULeuven}, & \text{Leuven}, \\ 17/20. & & \\ \text{Analysis and Improvement of Named Entity} \end{array}$	Summer 2017	Software developer, Irex Consulting, Brussels. Developing an Android application and a website.
	Recognition for Biomedical Articles Education	Summer 2015	Fundraiser , <i>ONG Conseil</i> , Antwerp. Asking people in the street to become supporters for Oxfam Solidarity.
2019–current (planned	PhD computer science, Language Intelligence & Information Retrieval lab,		Languages
2023)	KULeuven, Leuven.	Dutch	Native
	Representation Learning, Causality, Nat-	English	Fluent
	ural Language Understanding, Neuromorphic Computing	French	Good Can hold conversations
2017–2019	Master computer science, KULeuven, Leuven, 85.27% (Top 3% of 96 students). Option Artificial Intelligence	Spanish	Limited Limited understanding, speaking and writing (level A2-Waystage)
Fall of 2018	Exchange semester, Tsinghua Univer-		Engagements

sity, Beijing, 92.33% - 3.8 GPA.

Board Of An organisation that provides comple-European mentary education abroad for technol-Students of ogy students, as well as organising engi-Technology neering and other competitions. I was the co-Main Organiser of the 2019 Summer Course, and was the treasurer in 2017-2018.