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Education	
2021 – present	University of Toronto, Canada, Master's exchange student, Department of Computer Science
	• Relevant courses: Trustworthy Machine Learning, Machine Learning for Healthcare,
	Neural Network Training Dynamics (auditing), Natural Language Computing
2020 – present	University of Hamburg, Germany, Intelligent Adaptive Systems (MSc), 8 % acceptance rate
	<ul> <li>Current GPA 4.0 (1.19 German scale, 95 %), anticipated graduation in April 2023</li> </ul>
2019	Louisiana State University, USA, 4-week exchange, organized by Fulbright Commission
2018	University of Calgary, Canada, Bachelor's exchange student
	• Achieved best grades given that year in classes Artificial Intelligence (A) and Thinking with Data (A+)
2016 – 2020	University of Hamburg, Germany, Human-Computer Interaction (BSc)
	<ul> <li>Awarded best degree in graduation cohort: GPA 4.0 (1.3 German scale, 92 %)</li> </ul>
	• Thesis (1.0/100%) on the estimation of voice likability using pre-trained speech embeddings,
	implemented in Python and Bash using scikit-learn, Keras/Tensorflow, and wandb
Work experien	ce
2022 – present	Applied Machine Learning Intern, Vector Institute, Toronto, 4 months, part-time, ongoing
	• Building a Reddit recommender system increasing viewpoint diversity using community embeddings
	• Wrote a Slack notification tool for tracking experiments on own initiative in the second week
2019 – 2020	Cloud-Native Development Intern, MOIA, Germany, 6 months, part-time
	<ul> <li>Developed microservices in Kotlin using REST, GraphQL, and a variety of AWS services</li> </ul>
	<ul> <li>Convinced management to allow students and interns to take part in team self-selection</li> </ul>
2017 – 2018	<b>Teaching Assistant</b> , <b>University of Hamburg</b> , Germany, for course <i>Software Development I</i>
	• Supervised classes of ~30 students, giving feedback to students and grading assignments
Projects	
2021	Research on effects of different SISA unlearning strategies on fairness for protected groups, PyTorch
2021	Research on <b>representation learning</b> for chest X-rays based on <i>MedAug</i> utilizing metadata, <b>PyTorch</b>
2021	Modergator: Automating multimodal content moderation for text, speech, and memes in Telegram
	groups by combining a selection of deep learning models; proof-of-concept implemented in <b>Python</b>
2021	<u>Dreamer</u> : Extended the <b>reinforcement learning</b> agent <i>Dreamer</i> for additional robotic envs, <b>Python</b>
2020	Medium article in Towards Data Science on text clustering with over 60k views, featured by the editor
2019	Lunchdates Automating bi-monthly lunch dates in our scholarship group using Google Sheets, Python
	and generated HTML emails, increasing surveyed perceived group cohesion by ~20% over 12 months
Leadership and	
2017 – present	Stiftung der Deutschen Wirtschaft (sdw), Scholarship, aimed towards the top 1% of German students
	Awarded for outstanding academic potential and determination, extended in 2020
	• Head of local scholarship group from 2019 to 2020 with responsibility for ~60 members, organizing
	meetups and company visits, interviewing candidates, and onboarding new fellows
2017 – 2021	<b>Student representative</b> in CS ethics commission, appointments committee, and examination board
2020	International Welcome Week tutor, onboarding international IAS Master's students from 19 countries
2017 – 2019	<b>Treasurer</b> , Computer Science Student Council
Competitions a	and hackathons
2020	Google Developer Student Club Munich CTF, Germany, 15 <sup>th</sup> out of 76, team of two
2019	API-Hackathon@PwC Frankfurt, Germany, 2 <sup>nd</sup> place, team of six
2019	StartUp Weekend Baton Rouge, USA, 1 <sup>st</sup> place, team of eight, solo pitch done by me
Skills and inte	rests
Tech	Python (preferred interviewing language), Kotlin, Bash, SQL, Linux, Java, scikit-learn, PyTorch, Tensorflow
	Keras, wandb, Jupyter, NumPy, Docker, HTML, REST, GraphQL, AWS, Git, Kanban, Scrum

Arduino, Raspberry Pi, 3D printing, analog photography, economics, traveling

Gesellschaft für Informatik (German Informatics Society), Out in Tech, Queer in Al

Hobbies

Affiliations