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Hobbies

Affiliations

Education	
2021 – present	University of Toronto, Canada, Master's exchange student, Department of Computer Science
	• Relevant courses: Trustworthy Machine Learning, Machine Learning for Healthcare,
	Statistical Learning Theory, Neural Network Training Dynamics, Natural Language Computing
2020 – present	University of Hamburg, Germany, Intelligent Adaptive Systems (MSc), 8 % acceptance rate
	 Current GPA 1.25 German scale (94 %), anticipated graduation in April 2023
2019	Louisiana State University, USA, 4-week exchange
	 Program Leaders in Entrepreneurship by the German-American Fulbright Commission
2018	University of Calgary, Canada, Bachelor's exchange student
	• Achieved best grades given that year in classes <i>Artificial Intelligence</i> (A) and <i>Thinking with Data</i> (A+)
2016 – 2020	University of Hamburg, Germany, Human-Computer Interaction (BSc)
	• Awarded best degree of class: 1.3 German scale (92 %)
	 Courses from Biopsychology and Statistics to Discrete Mathematics and Functional Programming
	 Thesis 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
2019 – 2020	Working Student Cloud Native Development, MOIA, Germany, 6 months
	 Developed microservices in Kotlin using REST, GraphQL and a variety of AWS services
	 Convinced management to allow students and interns to take part in team self-selection
2017 – 2018	Teaching Assistant, University of Hamburg, Germany, for course Software Development I
	• Supervised classes of ~30 students, giving feedback to students and grading assignments
Recent project	s
2021	Research on the effects on fairness of (GDPR-required) unlearning of samples using <i>SISA</i> (ongoing)
2021	Research on representation learning for chest X-rays based on <i>MedAug</i> utilizing metadata (ongoing)
2021	Modergator Automating multimodal content moderation for text, speech, and memes in Telegram
	group chats by combining a selection of pre-trained deep learning models, implemented in Python
2021	<u>Dreamer</u> Extended the reinforcement learning agent <i>Dreamer</i> for additional robotic envs, Python
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	d awards
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	Student representative in CS ethics commission, appointments committee and examination board
2020	International Welcome Week tutor, onboarding international IAS Master's students from 19 countries
2018 – 2019	Board member, Hanseatic Model United Nations
2017 – 2019	Treasurer , Computer Science Student Council
Competitions a	and hackathons
2020	Google Developer Student Club Munich CTF, Germany, 15 th out of 76, team of two
2019	API-Hackathon@PwC Frankfurt, Germany, 2 nd place, team of six
2019	StartUp Weekend Baton Rouge, USA, 1st place, team of eight, solo pitch done by me
2018	HACK Mobile app hackathon, Calgary, Canada, 1 st place, team of three
Skills and inte	rests
Tech	Python (preferred interviewing language), Kotlin, Bash, SQL, Linux, Java, scikit-learn, PyTorch, Tensorflov

Keras, wandb, Jupyter, numpy, Docker, OpenRefine, HTML, REST, GraphQL, AWS, Git, Kanban, Scrum

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

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