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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				
	<ul> <li>Current GPA 1.25 German scale (94 %), anticipated graduation in April 2023</li> </ul>				
2019	Louisiana State University, USA, 4-week exchange				
	<ul> <li>Program Leaders in Entrepreneurship by the German-American Fulbright Commission</li> </ul>				
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 HCI degree of the year: 1.3 German scale (92 %)				
	<ul> <li>Courses from Biopsychology and Statistics to Discrete Mathematics and Functional Programming</li> </ul>				
	<ul> <li>Thesis on the estimation of voice likability using pre-trained speech embeddings, implemented in Python and Bash using scikit-learn, Keras/Tensorflow and wandb</li> </ul>				
Work experien	ce				
2019 – 2020	Working Student Cloud Native Development, MOIA, Germany, 6 months				
	<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	Teaching Assistant, University of Hamburg, Germany, for course Software Development I				
	<ul> <li>Supervised classes of ~30 students, giving feedback to students and grading assignments</li> </ul>				
Recent project	s				
2021	Research on the effects on <b>fairness</b> of (GDPR-required) <b>unlearning</b> of samples using <i>SISA</i> (ongoing)				
2021	Research on <b>representation learning</b> 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 <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	<b>Lunchdates</b> Automating bi-monthly lunch dates in our scholarship group using Google Sheets, <b>Python</b>				
	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 top 1% of students in Germany				
·	<ul> <li>Awarded for outstanding academic potential and determination, extended in 2020</li> </ul>				
	• 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				
2018 – 2019	Board member, Hanseatic Model United Nations				
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, 1st place, team of eight, solo pitch done by me				
2018	HACK Mobile app hackathon, Calgary, Canada, 1 <sup>st</sup> place, team of three				
Skills and inte	rests				
Tech	<b>Python</b> (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