

Lennart Gothe

Software Engineer

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EDUCATION	B.Sc. Computer Science RWTH Aachen University	10/2019 – 11/2025
	• Application subject: Psychology • Bachelor thesis: “<i>Counting and Sampling Models of finite Automata</i>” – implementation of algorithms for counting and sampling of NFAs	
	German Abitur St. Ursula Schule Hannover	08/2011 – 07/2019
	• Advanced courses: Mathematics, English, Chemistry	
EXPERIENCE	Service worker Capitol Aachen Cinekarree GmbH & Co. KG	11/2021 – 02/2026
	• Customer service • Inventory management • Service training for new employees	
	Software Project Internship RWTH Aachen University · Cops’n’Robbers	10/2021 – 01/2022
	• Python-based simulation environment for testing multi-agent pathfinding algorithms	
	Systems Programming Internship RWTH Aachen University	10/2020 – 02/2021
	• Implementation of basic operating system components in C • Scheduler, memory management, interrupt handling	
	School Internship NOW IT GmbH	16.01.2016 – 27.01.2016
	• Insights into the IT industry and software development processes	
TECHNICAL SKILLS	Programming languages	Python, Go, Java, SQL, C, C++, JavaScript, TypeScript
	Python frameworks and libraries	Django, Django REST Framework, Pandas, NumPy
	Software	Docker, VS Code, Git, MS Office, LaTeX
	Operating systems	Linux, Windows
ADDITIONAL	Languages	German – native, English – B2
	Soft Skills	Detail-oriented, Problem-solving, Analytical thinking
	Hobbies	Reading, Tennis & table tennis, Cooking, Gaming