Peter Blohm

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Education

MSc	**TU Wien**, Logic and Computation (with distinction)	Vienna, Austria
	• Thesis: Probabilistic Verification of Black-Box Systems	Jan 2023 – Jan 2025
	• Supervisors: Prof. Thomas Gärtner; Sagar Malhotra, PhD	
	• Focus on algorithms, AI, knowledge representation, and logic.	
Extended BSc with Honors	**TU Wien**, Software & Information Engineering (with distinction)	Vienna, Austria
	• Thesis: Breaking the Radon Machine: Investigating the Robustness of a Machine Learning Parallelization Scheme	Jan 2019 – Jan 2023
	• One-year extension programme; additional 61 ECTS in algorithmics, AI, and neuroscience.	
	• Supervisor & mentor: Prof. Thomas Gärtner	

Experience

Aalto University, Research Assistant, Quantum Machine Learning Group		Finland
• Eight-month extended ASci Summer Internship; selected among ~1750 applicants for one of 14 positions.		Jan 2025 – present
• Topic: composition of diffusion models with fuzzy logic.		1 year 2 months
TU Wien, Student Assistant in Research, Research Unit for Machine Learning		Vienna, Austria
• Eight-month part-time research project.		Jan 2024 – Jan 2025
• Topic: embedding social network interaction graphs as intervals.		1 year 1 month
TU Wien, Student Assistant in Research, Research Unit for Machine Learning		Vienna, Austria
• Six-month part-time research project.		Jan 2024 – June 2024
• Topic: probabilistic robustness verification of neural networks.		6 months
Karl Landsteiner Institute for Outpatient Rehabilitation, Medical Data Analyst		Austria
• Statistical analysis and machine learning on medical data.		Jan 2019 – present
• Measuring, predicting, and improving rehabilitation success for chronic back pain patients.		7 years 2 months