Tim Luka Horstmann

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EDUCATION

Sep. 2024 - Oct. 2025	**Institut Polytechnique de Paris**, France | PhD Track in Computer Science
	· Directly admitted to the second master's year of the Data and Artificial Intelligence programme
	· Courses on NLP, (Big) Data Mining, Logic & Symbolic AI, and Reinforcement Learning
Oct. 2023 - June 2024	**University of Cambridge**, United Kingdom | MPhil in Advanced Computer Science
	· **Grade: Distinction (86%), graduated 3rd out of 61 students**
	· MPhil project: NLP system to automate analysis of financial regulations for improved compliance
	· Courses on NLP, Multicore Semantics & Programming, Cybercrime, and Mobile Health
	· Rower at college boat club (stroke and 6 seat, awarded super blades during May Bumps)
Oct. 2019 - Sep. 2022	**RheinMain University of Applied Sciences**, Germany | BSc in Business Informatics
	· **Grade: 1.0, top of the year, graduated with distinction** (scale 1-5, 1 being best)
	· Thesis: XGBoost-based time series forecasting algorithm for customer demand planning
	· Member of academic audit committee overlooking all Computer Science courses at university
Aug. 2011 - Aug. 2019	**Städtisches Gymnasium Erwitte** | Allgemeine Hochschulreife (university entrance qualification)
	· **Grade: 0.9, top of the year** (scale 1-5, 1 being best)
	· Chosen to participate in federal state's 18. Academy for Mathematics and Computer Science

WORK EXPERIENCE

May 2023 - July 2023	**McKinsey & Company, Fellow Intern** | Munich, Germany (Received full-time return offer)
	· Advised automotive supplier in achieving a sustainable future through transformation program
	· Conducted financial analyses and presentations for CEO, CFO, EVPs, and supervisory board
Oct. 2022 - Apr. 2023	**Amazon, Business Intelligence Intern** | London, United Kingdom (Received full-time return offer)
	· Led inbound logistics project for Amazon's PanEu surface network, achieving $38M/year impact
	· Worked with stakeholders across different organisations and drove resolution of the defect by setting up a QuickSight dashboard on top of Redshift ETL pipelines and using machine learning
Sep. 2019 - Sep. 2022	**Continental AG, Dual Student** | Frankfurt, Germany (Received multiple full-time return offers)
	· Three years of employment in various IT departments alongside full-time university studies
	Exemplary projects:
	· Headed project with multinational team developing Ansible program for automatised configuration of IoT-Devices in 55 plants creating savings of 450,000€/year
	· Adjusted low-code platform Mendix to existing IT landscape by configuring connection between Mendix and internal servers, enabling SSO capabilities (Keycloak), and consuming REST services

EXTRACURRICULAR ACTIVITIES

Volunteer Activities	· Saxophonist in symphonic wind orchestra Hellwegmusikanten Erwitte e.V.
	· Founding board member of political youth organisation Junge Union Erwitte, member of CDU
Societies	· Cambridge Union (since 2023) · Cambridge University German Society (since 2023)
	· German Informatics Society (since 2021) · Association of German Engineers (2021 - 2022)

SKILLS & INTERESTS

Languages	German (native) | English (fluent, TOEFL: 109) | French (fluent, DELF A1, A2 & B1, DFP affaires B2)
IT-Skills	Programming Languages:
	· Python (advanced) · SQL (advanced) · JavaScript (intermediate) · Ruby (beginner)
	· Java (advanced) · VBA (advanced) · HTML/CSS (intermediate)
	Further Skills: Machine Learning (PyTorch, Scikit-Learn, Pandas, NumPy) | Ansible | ETL | SAP
Scholarships	· France Excellence Europa Scholarship: Awarded >15,000€ (since 2024)
	· Institut Polytechnique de Paris Excellence Scholarship: Awarded >90,000€ (since 2024)
	· Studienstiftung des deutschen Volkes: Awarded >30,000€, granted to less than 0.5% of German students by Germany's largest, oldest, and most prestigious scholarship foundation (since 2021)
	· Deutschlandstipendium: Awarded 3,600€ (2019 - 2020)
Career Dev. Programs	· Bain Spark (since 2023) | McKinsey College (since 2023) | BCG LINK (since 2023)
	· BCG Emerald (since 2022) | McKinsey Firsthand (since 2021) | e-fellows.net (since 2019)
Awards	· Honoured for outstanding achievements in Mathematics by the German Mathematical Society
	· Honoured for outstanding accomplishments as one of the best graduates of North Rhine-Westphalia, Germany's largest federal state, by Minister-President (ret.) Armin Laschet
	· Honoured as one of the best graduates from Continental AG´s corporate dual study programme
Interests	Artificial Intelligence | Space Travel | Stock Trading | Piano | Rowing | Tennis | Hiking | Travelling