Alexander Manev

AI engineer & researcher

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AI engineer and aspiring founder completing an MSc in Computer Science at TUM, with experience in cybersecurity research, software engineering, and early-stage entrepreneurship. Research Assistant at Fraunhofer AISEC and former Founder in Residence at Entrepreneur First.

Experience

Fraunhofer AISEC — Apr 2025–present · Munich
Research Assistant · Cognitive Security Technologies
Research and develop AI-based cybersecurity systems, with a focus on large language models.

Morrow Collective — May–Nov 2025 · Berlin
AI Engineer
Built an AI-powered grant discovery engine for startups seeking non-dilutive funding.

Entrepreneur First — Jul–Oct 2024 · London
Founder in Residence
Selected for the London programme. Explored early-stage ventures through problem validation, market research, rapid prototyping, and co-founder partnerships.

Fraunhofer AISEC — Mar–Aug 2024 · Munich
Research Assistant · Cognitive Security Technologies
Built an LLM-powered multi-agent system for autonomous network analysis and code vulnerability detection.

Fraunhofer AISEC — Aug 2023–Jan 2024 · Munich
Bachelor's Thesis Student
Compared LLMs with traditional machine learning methods across cybersecurity tasks.

Siemens — Oct 2022–Feb 2023 · Munich
iOS Developer
Developed an iOS app supporting decentralised decision-making and autonomous-agent collaboration in a smart-city environment. Swift and SwiftUI; eight-person team.

Technical University of Munich — Oct–Nov 2021 · Munich
Teaching Assistant
Tutored students in Mathematics for Computer Scientists.

Independent work

lycron — Private alpha
Building **mar** for multi-agent conversations and **ande** as a proof of concept for an agent-native ecosystem: personal agents coordinating with one another and services. Initial capabilities include conversation, memory, and calendar coordination.

Education

Technical University of Munich — Apr 2024–present
MSc Computer Science
Machine Learning and Analytics; Security and Privacy; Scientific and High Performance Computing.

Technical University of Munich — Oct 2020–Jan 2024
BSc Computer Science
Degree grade: 1.6 · Thesis grade: 1.0 · Minor: Business Administration

Languages

Bulgarian · English · German · Spanish