

Taner Behmen

AI Agent Engineer and Builder | Chemistry and Mathematics, University of St Andrews

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EDUCATION

University of St Andrews Chemistry and Mathematics, BSc (Hons), Dean's List 2023-24	St Andrews, Scotland Sept 2023 – June 2027
Columbia University Summer Immersion Program Machine Learning Algorithms	Remote Jun 2021 – Aug 2021
American School of Warsaw, International Baccalaureate HL Chemistry, HL Computer Science, HL English	Warsaw, Poland Sept 2011 – May 2023

EXPERIENCE

Gradient House AI Engineer	Warsaw, Poland Jun 2026 – Present
- Own end-to-end delivery of two production AI systems for enterprise clients, from specification through deployment, working directly with each client's technical leads. - Architected an LLM tool-calling pipeline that separates reasoning from computation: the model routes queries across 26 typed analysis functions executed deterministically in Python, with an output verification layer rejecting any figure not traceable to a tool result; ~95% end-to-end accuracy on a 32-case evaluation suite. - Refactored a single-client prototype into a dataset-agnostic platform, replacing hardcoded schema assumptions with runtime data profiling and declarative configuration, reducing new-client onboarding to a single config file backed by 120+ tests. - Built a hybrid lexical-semantic retrieval system for an 8,800-item product catalog; confidence-gated score fusion retained 100% of baseline-correct matches on held-out evaluation, and a fine-tuned multilingual embedding model. - Designed a rule-based chart recommendation engine mapping inferred column types to valid visualizations, replacing ad hoc LLM chart selection and eliminating a class of malformed outputs flagged by static notebook linting. - Instrumented a production order-processing service with OpenTelemetry distributed tracing on Azure Application Insights and added a non-production dry-run mode, enabling ERP integration testing without touching the live system.	
Together Alone Ventures OE Sole Technical Operator / AI Agent Engineer	Remote Jan 2026 – Jun 2026
- Sole engineer at an Estonian privacy-tech startup, owning infrastructure, agent systems, and product delivery. - Deployed a 5-agent orchestration stack on containerised decentralised cloud (Akash), with sandboxed per-agent workspaces, scoped tool access, and scheduled execution across outreach, grants, CRM, content, and document workflows. - Diagnosed a silent agent failure mode in which a production agent fabricated success reports while every tool call failed on a schema format mismatch; introduced ground-truth verification of agent outputs across all workflows. - Built an automated short-form video pipeline (LLM scripting, TTS, generative video, FFmpeg composition) publishing three times daily with checkpointed, resumable stages. - Automated invoice processing for two legal entities (161 invoices): OCR extraction, deduplication, and entity routing into a structured ledger. - Migrated the full agent stack from Alibaba Cloud to Akash, adapting it for ephemeral container constraints. - Led Bonded's frontend migration from Framer to Next.js and managed domain and deployment infrastructure.	
Bonded Student Intern, Data and Go-to-Market	Remote Jul 2025 – Jan 2026
- Built an investor intelligence pipeline (web scraping, OCR, Apollo API enrichment) that identified and prioritised 2,000+ investors for executive outreach. - Led a hackathon campaign placing the team in the top 3% of 12,000 global participants. - Built an OCR pipeline converting unstructured community discussions into structured datasets that informed the product roadmap.	

- Pitched to VCs and accelerators at London Blockchain Conference and ZebuLive.

LEADERSHIP AND PROJECTS

Engineering and Technology Society, Head of Aerospace Engineering

Dec 2024 – Present

Lead strategic planning and execution of rocket launches; coordinate team meetings and spearhead fundraising for aerospace engineering projects.

Help4Refugees, President

Sept 2020 – May 2023

Founded and led an initiative delivering 100+ computers to Ukrainian students in Warsaw; presented to 30+ stakeholders to secure crowdfunding and coordinated logistics across borders.

Business Club Warsaw, Data Scientist

Feb 2021 – May 2023

Built a Streamlit and Pandas real-time sales analytics dashboard for a small business; cut ingredient waste by 18% and boosted off-peak revenue by 23%.

SKILLS AND TOOLS

Languages: Python (Pandas, NumPy, Scikit-learn), SQL, R, Git

AI and Agent Frameworks: OpenClaw, OpenAI API, Claude Code, ElevenLabs, fal.ai, Apollo.io

Automation and Workflow: Zapier, n8n, Google Apps Script, Maton API

Infrastructure: Akash Network, Supabase, Vercel, Node.js, Azure

Frontend and Blockchain: React, Next.js 14, Tailwind CSS, ICP / Motoko, Django

Languages spoken: English (native), Bosnian/Croatian/Serbian (native)