

# DIAS KHALNIYASOV

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## OVERVIEW

AI Engineer with 4+ years of experience with a proven track record of delivering impact in AI startups, particularly in AI agents and large language models (LLMs). Multiple-time hackathon winner

## SKILLS

**Technologies** Python, TypeScript, GCP, LangChain, LangGraph, FAISS, RAG, Git, FastAPI, Docker, PyTorch  
**Communication** English (C1), Italian (B1), Russian (native), Kazakh (B1)

## EXPERIENCE

<b>Software Engineer</b>	Nov 2025 - Now
String AI - End To End Web Extraction Platform	Remote, US
• Build evaluation for AI Parsing Agents	
<b>AI Research Engineer</b>	Nov 2024 - Oct 2025
Zencoder - The AI Coding Agent startup <a href="#">Crunchbase profile</a>	Remote, US
• Build and evaluate AI Agents for software development code generation	
• Main contribution to E2E Agent (AI QA testing tool), Web Development Agent (full SDLC agent)	
<b>AI Engineer - R&amp;D team</b>	Oct 2023 - Sep 2024
SOAX - British startup that raised \$6.3 million in 2019 <a href="#">Crunchbase profile</a>	Remote, UK
• Developed a multi-agent system, coordinating multiple agents for AI Web Scraper to auto-parse websites and extract structured information <a href="#">conference talk (in Russian)</a> ; PH release	
<b>Data Scientist</b>	Dec 2021 - June 2023
Domusware Srl Roma - IT team of Yard Reaas SpA <a href="#">Crunchbase profile</a>	Rome, Italy
• Constructed an <b>OCR</b> model with a Word Error Rate of <b>0.2, 80% accuracy</b> per word for CAPTCHA recognition.	
• Build a pipeline to match properties (SentenceBERT + PySpark + FAISS) and APIs (Pydantic + FastAPI)	
<b>Junior Data Scientist</b>	Jun 2020 - Mar 2021
Galamat Technologies - speech recognition and synthesis team	Almaty, Kazakhstan
• Developed and deployed a data collection service, collecting over <b>10,000</b> hours of annotated speech in 3 months.	
• Trained text-to-speech models in Russian and Kazakh languages as research baselines.	

## HONORS AND AWARDS

- **Siemens Hackathon Tech for Sustainability - 1st place** - Interactive Energy Data Map with AI chat assistant
- **HackUPC HP Supply Chain Optimization - 1st Place** - BI solution with predictive model for inventory for next 13 weeks, including AI Assistant and scenario simulator. Won among 600 participants
- **Halyk RAG Challenge - Best Advanced Retrieval** - Multimodal RAG (PDF, Excel supported) with hybrid search

## EDUCATION

MSc Data Science, Sapienza University of Rome	2020 - 2023
B.S. in Mathematical and Computer Modeling, Kazakh-British Technical University	2016 - 2020

## EXTRA-CURRICULAR ACTIVITIES

- **Speaker on "Beetech 2025" - AI track** - Topic: "How to parse websites with LLM agents"
- **Speaker on the Forum "Gem of Data Science"** - Topic:- Intelligent chat bots.