

Asad Rakhmani

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EMPLOYMENT

SaharaAI, San Francisco, CA

- Technical Project Manager

January 2024 — Present

Data Analysis Resource Management Technical Writing Project Management Software

- As a Technical Project Manager, I play a pivotal role in bridging communication between clients and product teams, ensuring projects align with both parties' visions. My leadership in steering our company through the rigorous SOC2 compliance process stands out as a major achievement, involving extensive collaboration across all departments to meet stringent data security and privacy standards. I've also successfully led the transition from Notion to ClickUp, markedly enhancing our project management framework

Lumos Labs, Singapore

- Junior Smart Contract Developer

September 2023 — December 2023

Solidity DeFi Bridges EVM Hardhat Security Audit

I have extensive experience in DeFi and bridge protocols, working with platforms like Compound and UniSwap, and have developed and managed smart contracts, including ERC20 and ERC721 standards. My expertise covers the full workflow of Web3 projects, showcasing my ability in secure and efficient blockchain solutions.

HUAWEI

- Researcher, Intern, at Software Toolchain Innovation Laboratory

July 2023 — August 2023

Python Tensorflow Probability&Statistics Autoencoders Deep Learning data analysis Presentations

I researched and developed innovative lossy compression methods for numeric data using autoencoders, balancing reconstruction error and compression ratio. I created a platform for testing compression methods, allowing for the integration and benchmarking of various architectures. Additionally, through teamwork, I honed skills in presentation, communication, decision-making, and quick learning.

EDUCATION

- ITMO university. Bachelor of Applied Mathematics and Computer Science

2021 — 2025

One of the best(top 3) IT Universities in Russia. The Best program of that university

- National Tsing Hua University, Exchange Computer Science Student

spring 2023

Top 3 Universities in Taiwan

ACHIEVEMENTS

- Mix Bytes – Auditors Farm

Fall 2023

AI Summer School hosted by AIRI – biggest and most advanced Russian AI lab

- Diploma for the Best Project at the Sirius Summer School

Summer 2022

Machine Learning Python Docker Deep Learning CV&NLP Probability&Statistics Pytorch Transformer

- This project demonstrates multi-object tracking in video by integrating a transformer-based object detection model with an online tracking algorithm that associates detections across frames to enable accurate detection and smooth tracking of multiple objects across video frames, even in complex scenes.

AI Hackathon backed by "VK" - Russian "Meta"

- First Place in a Hackathon Hosted by VKontakte

Summer 2022

Machine Learning Python Deep Learning NLP CatBoost Pytorch Presentation Teamwork Data Analysis

- Converted text to normalized embeddings with Word2Vec, then trained a CatBoost model on the embeddings for binary text classification, outperforming competing solutions.

- Winner of the All-Russian Olympiad in Informatics (Regional Round)

Spring 2021

- Winner of the All-Russian Olympiad for High Schoolers in Programming

Spring 2021

Algorithms & Data Structures

SKILLS

Languages: Proficient: Solidity, Python, Rust, C++, Java, Bash; Familiar: JavaScript, Clojure, C#, C

Frameworks & Tools: Git, Networking, STL, NumPy, TensorFlow, Pytorch, Multithreading, Docker, Linux, Bash

VOLUNTEERING

- Volunteered for programming competitions including the ICPC and All-Russian Olympiad in Informatics Regional Round, gaining experience supporting technical events.