Teterin Nikita

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Education

Higher School of Economics, 01.04.02   **09.2023 – currently**
Moscow Insitute of Math and Electronics,   *Moscow, Russia*
Applied artificial intelligence models, master.

Bauman Moscow State Technical University, 09.03.01   **09.2019 – 06.2023**
Department of robotics and complex automation,   *Moscow, Russia*
Computer aided design, bachelor.

Certifications

VK Education   **09.2021 – 12.2022**
Graduated from primary educational program, Machine Learning track.   *Moscow, Russia*

Prior Work Expierence

VK AdTech, Backend Developer   **06.2023 – currently**
Statistics Pipeline team. Maintenance and infrastructure optimization. *Moscow, Russia*

Sber Robotics Lab, Python Developer Intern   **11.2022 – 02.2023**
Created Web-UI for ESP32 configuration and tracing.   *Moscow, Russia*
Research on semantic segmentation of RGB-D images.

Personal Projects

Production-ready ML service example | python, sklearn, hydra, Flask, Docker, Kubernetes
- Model training and inference pipelines with hydra, deployed to k8s (VKCS) with helm as a Flask web app.
- **Keywords: batch/online inference, helm, terraform, MLOps, Github Actions**

GitOps-themed CTF | Golang, Gitlab CI, Docker, Kubernetes
- Showcase of various infrastructure vulnerabilities. IaaC for Go: linting/testing, multistage kaniko build and multi-project deployment pipelines with self-hosted Gitlab runner instance.
- **Keywords: Go, Gitlab CI**

Performance metrics dashboard | python, InfluxDB, Grafana
- Implemented realtime hardware metric collection for an isolated remote host.
  Stream metrics to Influx and visualize on a Grafana dashboard.
- **Keywords: grafana provisioning, nmon, RxPY, Flux**

Tech Stack

PL: Python, Golang, C/C++, TypeScript, LaTeX
Technologies: Kafka, Clickhouse, HDFS, S3, Kubernetes, Terraform, Prometheus, Spark