

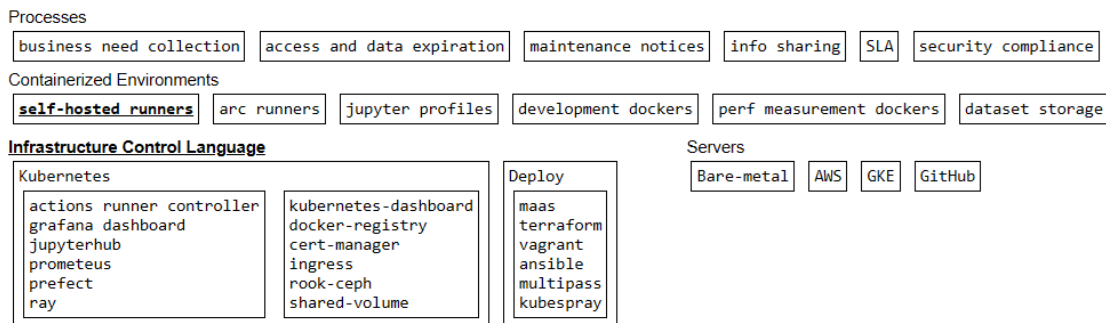
Alexei Fedotov

DevOps Engineer with a passion for open source and AI (Munich, remote), alexei.fedotov@gmail.com, +49 174 4969771, [Github](#), [Linkedin](#).

Current Employment

Infrastructure and DevOps Engineer at **Intel Corporation**, responsible for CI and testing pipelines for **Triton** fork with **conda**, **PyTorch**, **MLIR** extensions, **Modin**, **ICL**, **Graph Compiler**, **HDK** and others.

Maintained **bash**, **python** scripts, **cmake**-files, GitHub actions. Resolved compilation issues with **g++**, **nvcc**, **icpx**, **cython**, conda compilers. Made pipelines run securely and reliably on CPUs, GPUs, and a functional simulator for Habana Falcon Shores by means of ARC and **bare-metal ephemeral self-hosted** runners. Integrated testing pipelines with dashboards. **Helped** developers to overcome Linux and hardware challenges.



Previous Experience (25+ years)

Release Engineering. Java Device Testing Suite at **Sun Microsystems**, reliability and performance releases at **Intel Corporation**. **Apache Openmeetings** releases. Debian and RedHat-based Linux distributions.

Development. Functional simulator for ARM-compatible hardware at **Soft Machines**, **design docs**, OS compatibility layer, Java byte code verifier at **Intel Corporation**. And **more**.

Management. SQE teams, open-source software business, virtual teams of 50+ engineers.

Teaching. CMMi certification courses on quality management, and number theory, **4** Google Summer of Code projects, **10** student theses, **8** published papers, **8** patent applications.

Education

Machine learning, finance and management trainings at Intel

Master degree with **honors** in Mathematics, Applied Mathematics from Moscow State University