Aleksandr Petrunin

petrunina602@gmail.com

EDUCATION

Alferov Research University of the Russian Academy of Science   **St Petersburg, Russia**

Bachelor's of Science, Bioinformatics   Cumulative GPA: 4.8/5.0
- Collaboration with Research Lab, Pavlov First Medical University   2020 - 2022
- Engaged in supervising of the hermetic lab zone of the Alferov university

Neapolis University   **Pafos, Cyprus**

Bachelor's of Science, Computer Science (last year of study)   2022 - 2025 (June)
- JetBrains courses participant, JetBrains international marathon team member

Muse Group Frontend Academy   **Limassol, Cyprus**

Participant   June - July 2024
- JavaScript, React: fundamentals, main & advanced hooks, patterns, server components.

WORK EXPERIENCE

Alferov Research University of the Russian Academy of Science   2021 - 2022

Support system administrator
- Provided technical assistance to the university faculty and managed IT appliances.
- Supervised the university Access Control System.

GEANT Trust & Identity Mentorship Programme (WP5-T5 cycle 2)   Amsterdam, Netherlands (remote)

SWE Intern   Sep 2023 - Apr 2024
- Engaged in automating Service Provider deployments for emerging NREN federations, developing a containerized proxy solution with SimpleSAMLphp and Docker, and creating a GUI for Common Proxy Configuration Language.

ArgoSmart internship (Real estate management startup)   Limassol, Cyprus (on-site); Dubai, UAE (remote)

Python backend developer   Apr - Oct 2024
- Managed services, database, autodoc generation, created app for tenant-service interconnection.
- Researched and analyzed UAE client's APIs, payment systems, documentation.

GEANT Trust & Identity Incubator (WP5-T5 cycle 3)   Amsterdam, Netherlands (remote)

Participating Full-stack developer   May 2024 - present
- Developing a multi-tenant, multi-protocol service to manage European federation metadata for open-source AAI solutions. Focuses on modular design principles, metadata formats, and identity provider ecosystems. Technologies: React, Docker, Django, SAML 2.0, OAuth, OIDC.

SKILLS

Core Technologies: Python, JavaScript (React), Django, Docker Compose, PostgreSQL, Linux, Git, SSO.
Additional: CI/CD (GitHub Actions, Jenkins), API (REST, OpenAPI); Distributed systems, Cybersecurity.
Learning with pet projects: K8s, Terraform, Ansible, logging with ELK stack, monitoring with Prometheus.
Certifications: CCNA (in progress), AWS Cloud Practitioner (in progress).