

Aleksandr Petrunin

Pafos, Cyprus

EDUCATION

Alferov Research University of the Russian Academy of Science

St Petersburg, Russia

Bachelor's of Science, Bioinformatics

Cumulative GPA: 4.6

2020 - 2022

- Collaboration with Research Lab, Pavlov First Medical University
- Engaged in supervising of the hermetic lab zone of the Alferov university

Neapolis University

Pafos, Cyprus

Bachelor's of Science, Computer Science

2022 - present

- JetBrains sport team member (Larnaca International Marathon 2024)
- Participated in the pan-European Trust & Identity Mentorship Programme (WP5-1)

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.

Energoinformix

2020 - 2023

Software Engineer

- Developed Android application that helps track energy consumption in Velikiy Novgorod city and surrounding regions.
- Increased efficiency of the tracking team by streamlining and automating processes related to data gathering and client-server interactions.
- Currently supporting the app by gathering user feedback and implementing UI enhancements.

GEANT Trust & Identity Mentorship Programme (WP5-1)

Munich, Germany (remote)

IAM, Software Engineer Intern

Sep 2023 - Apr 2024

- Engaged in automation deployment of Service Providers within emerging NREN federations.
- Developed a containerised proxy solution based on SimpleSamlPhp and supporting modules.
- Developed a graphical user interface to support Common Proxy Configuration Language (CPCL) for setting up proxy's many-to-many relations.

RECENT PROJECTS

P2P Network / CS351 Distributed Systems group coursework

Neapolis University Pafos

- Implemented UX/UI design of the software, engaged in requirements research and definition.
- Developed a responsive non-blocking graphical user interface that presents continuously changing data with a use of python Django web-framework, python 'threading' library, JS, HTML/CSS.

SKILLS

Programming languages: Php, JavaScript, Python, Kotlin.

Technologies: Linux, Docker, SQL, REST-API, HTML/CSS, React, Saml, Oidc..