Sofia Biurganovskaia

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Education

BS	**ITMO University**, Computer Science	2021 – 2023
BS	**Neapolis University Pafos**, Applied Computer Science JetBrains Program	2023 – 2025

Awards and Scholarships

JetBrains Scholarship in Neapolis University Paphos

Work Experience

Hyperskill, Educational content creator — Paphos, Cyprus — Feb 2023 – Feb 2024
- Created educational content for the Hyperskill platform
- Tested other authors' content
- Fixed bugs, errors, and typos according to user feedback

JetBrains, Intern Developer at JetBrains Academy — Paphos, Cyprus — Mar 2024 – Dec 2024
- Over the course of the internship, I worked on integration of JetBrains Academy plugin with Rider IDE and Unity Editor, adding C# and Unity courses support.

JetBrains, Junior Developer at JetBrains Academy — Paphos, Cyprus — Jan 2025 – present
- My current responsibilities include designing, developing, and maintaining Spring-based services.

Technologies

Languages: Kotlin, C/C++, Java, Python

Technologies: Spring, Git, Docker, Kubernetes, Gradle, AWS, PostgreSQL

Projects

Constant evaluation in Kotlin — Sept 2024
- Developed a plugin for the backend of Kotlin Compiler that allows evaluation of constant expressions at compile-time.

ISP — May 2024
- Developed an internet provider from scratch with BGP, NAT, DHCP, DNS using BIRD, FRRouting, iptables, and dnsmasq. Supports IPv4 and IPv6.

Custom bootloader — May 2024
- Developed a custom bootloader and a custom kernel from scratch for the operating systems course.
- Tools Used: C, Assembly, QEMU

Plugin for Minecraft — Aug 2021
- Developed a plugin for Minecraft that turns built-in peaceful mobs into hostile ones and adds the possibility to launch a tornado.
- Tools Used: Java, Spigot API

Selected Schools and Workshops

Wargaming, Forge, Maintenance course   Mar 2024 – June 2024
- Passed with a certificate of successful completion

JetBrains, Concurrent programming intensive course   May 2023 – June 2023

Yandex, Mobile development summer school   June 2022 – Aug 2022

JetBrains, Machine learning summer school   Aug 2021
- Passed with a certificate of successful completion

Miscellaneous

- English level C1 (Password Skills Plus Test 7.0, taken in Nov 2022)
- French level B2
- Diploma of 2nd degree in the All-Russian Olympiad in Linguistics (2018)