

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
<ul style="list-style-type: none">Created educational content for the Hyperskill platformTested other authors' contentFixed bugs, errors, and typos according to user feedback	Feb 2023 – Feb 2024
JetBrains , Junior Developer at JetBrains Academy	Paphos, Cyprus
<ul style="list-style-type: none">I am developing and maintaining JetBrains IntelliJ plugin features.Added integration of JetBrains Academy plugin with Rider IDE and Unity Editor.My current responsibilities include designing, developing, and maintaining Spring-based services.	Mar 2024 – present

Technologies

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

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

Projects

Constant evaluation in Kotlin	Sept 2024
<ul style="list-style-type: none">Developed a plugin for the backend of Kotlin Compiler that allows evaluation of constant expressions at compile-time.	
ISP	May 2024
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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

JetBrains, AI Hackathon

Feb 2025 – Feb 2025

- Over the course of the hackathon we developed multiple **AI-driven features** integrated into IDE environment, allowing stacktrace explanation in a human-readable language and code refactoring of a learner's solution.

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 (**IELTS 8.0**, taken in Feb 2025)
- French level B2
- Diploma of 2nd degree in the All-Russian Olympiad in Linguistics (2018)