

Sofia Biurganovskaia

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Education

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|----|---|-------------|
| 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

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|---|---------------------|
| 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

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|---|-----------|
| 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 (**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)