

I am writing to express my interest in Innopolis University's Bachelor programme of Computer Science. I am currently completing my last semester at the Lyceum of Information Technology #1533 (Moscow), where I've focused my studies on mathematics, software development and algorithmics. My main professional interests are infosec, data analysis and software architecture, mastering each of which requires both in-depth theoretical understanding and extensive applied experience.

This makes practical courses and - generally - 'Western' education model especially relevant for me. This model also includes courses by choice, importance of which is hard to downplay, and real-world (as in in an actual company which makes money / does research) internships, which are useful to gather experience and adopt industry practices.

It so happens that this model is one of the main selling points of Innopolis, quite unsurprisingly making it attractive for me.

Innopolis also seems to understand the value of essential skills of applying knowledge, critical thinking and abilities to work in cross-cultural/international environment and use modern tooling, some of which, amusingly, quite some 'top' universities, in my opinion, fail to deliver.

I've had a fair lot of experience with both building software (mainly backend, which lets me focus on data flow and processing instead of presentation details) and maintaining infra (never had SELinux off in production) - that is, dev and ops, and have lately been studying the topic of massive parallelization and modularization and clusterwide container orchestration, which has gotten surprisingly complex due to the multitude of overlapping solutions / ecosystems (ex. - Tectonic, Hashicorp and Docker stacks).

Recently, I've also developed an interest in data analysis and, having educated myself with well-known online resources and help of Yandex specialists, have acquired a Scientific Capacity Diploma at [GoToHack BigData](#), competed on par with 4th course students at [Data Analysis Night @HSE '16](#) and am applying for Yandex internship this summer.

Absolute most of my latest projects have been team ones, and, thanks to my expertise, I've usually been the one to lead, design the architecture, help out less experienced team members and foster their growth.

My soft skills include perceptiveness, patience, self-awareness and perseverance. I'm also quite good at presentation, facilitating and, naturally, communication.

Thanks for your consideration; I would welcome the opportunity to discuss my application with you and look forward to hearing from you.

Sincerely,  
Dmitriy Volkov

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