Nikolaev Alexander

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EDUCATION

MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGIES
Department of innovations and high technologies BS in Applied mathematics and Computer Science
July 2022 | Moscow, Russia
Avg.GPA: 8.75 / 10

COURSEWORK

INSTITUTE
Advanced algorithms and data structures
Data bases
Software design and patterns
Linear algebra
Calculus
Architecture of computers and operating systems
Group theory
Discrete analysis
Formal languages
Probability theory
Theory and practice of Concurrency

EXTRACURRICULAR
Introduction to ML by Yandex (Coursera)
Deep learning school by MIPT

SKILLS

PROGRAMMING LANGUAGES
Experienced at:
Python • C/C++ • SQL
Basic knowledge:
Kotlin • Java • x86 assembly • CSS • HTML • Java

TECHNOLOGIES AND TOOLS:
ssh • tmux • bash • Unix • pytorch • MapReduce • PostgreSQL • git

LANGUAGES
Russian (native speaker)
English (pre-intermediate)

PROFESSIONAL EXPERIENCE

YANDEX.SEARCH | SWE INTERN
July 2019 – Nov 2019 | Moscow, Russia
- Limit search results from some unsafe docs for users. Improve cluster master stability. Protect some binaries from document overload. Improve the quality of news search

AWARDS, ACHIEVEMENTS AND EVENTS

2019	*Quarterfinalist of ACM ICPC*
2019	*Took 14th place in 1/8 ACM ICPC*
2019	Participant of NeuroHack *(Github repository)*
2019	*Finalist of MosCode Fest*
2018	*Quarterfinalist of ACM ICPC*
2018	*Took 18th place in 1/8 ACM ICPC*
2018	*Finalist of Russian national Olympiad in informatics*
2018	*Finalist of Russian national Olympiad in mathematics*
2017	Silver medal in Moscow Open Olympiad in Informatics
2017	*Prizewinner of Russian national Olympiad in mathematics*

PERSONALITY

- Hard-working, communicative, determined, open-minded
- Have good knowledge and skills in maths and informatics
- Interested in competitive programming. *Max rating on codeforces: 2022* ACM participant.
- Have big motivation to get education and new skills
- Like to have an impact on the project