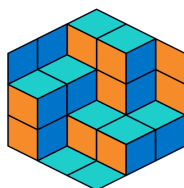


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RECOMMENDATION LETTER

To: HKUST Admissions Committee.

Dear Colleagues,

It is my pleasure to support my former student **Anastasiia Kazovskaia** as a candidate for admission to a PhD program at your Institution. I have known Anastasiia for several years since her second year of undergraduate studies and have been her supervisor for three years. During this time I could observe her formation and development as a mathematician and researcher. She attended many of my courses including Discrete Probability Theory (lectures and seminar), Probability Theory (lectures and seminar), Stochastic Processes (lectures and seminar), Gaussian Random processes (a seminar), Foundations of Mathematical Statistics. She proved to be an attentive student and a diligent performer of all tasks.

She also prepared a Bachelor's memoir «Multidimensional stable Telecom process and related limit theorem» under my guidance. The memoir contains substantial original results, demonstrates her quite good exposition abilities and was highly appreciated by the committee at her defense.

It is worthwhile to notice that in general the 4-year Bachelor programs Anastasiia graduated from provide a very strong background in mathematics and in theoretical informatics. We have a carefully selected student body collected from all country, arguably, the best in Russia, and for sure one of the top three. Working with such strong students enables to provide the high standard courses. Furthermore, the programs provide a wide academic liberty of the courses' choice and, eventually, a chance to participate in high level and vivid practical applied projects.

In this demanding environment, Anastasiia proved to be an excellent student, which is confirmed by his high very GPA (certainly, top 10% in an extremely competitive group).

Her academic achievements were marked by the Yandex company scholarship, which was awarded based on academic success and given to less than 20% of the best students.

I would stress some positive individual qualities of Anastasiia such as the ability to work and learn hard in order to reach a goal in the long run once she is interested in the topic.

As many of our best students she was involved in various tutorship activities in Mathematics, Computer science, Programming etc. This might be useful for her PhD program in the nearest future.

It seems to me that she is also open ready to a somewhat more applied research that she was dealing with so far, especially due to a sufficiently rich software toolbox she has at hand.

To summarize, my impression is that Anastasiia Kazovskaia could be an excellent candidate for taking a position in a Ph.D. program.

If you have any further questions, I will be happy to answer them.

Faithfully,

Mikhail Lifshits,

Professor at the Department of Mathematics and Computer Sciences
at St.Petersburg State University

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September 30, 2022