

October 19th, 2021

To Whom It May Concern,

Letter of Recommendation

My name is Masashi Aono and I have been a chief executive officer of my own startup company “Amoeba Energy Co., Ltd.,” concurrently serving as a project professor at Graduate School of Media and Governance, Keio University, Japan. I write to you today to proudly express my support for Sayyor Yusupov in applying to your prestigious scholarship.

During two semesters in 2018, Sayyor took my undergraduate classes on "Optimization Theory" and "Complex Systems Science" in Faculty of Environment and Information Studies, Keio University, where I served as a tenured Associate Professor by the end of FY 2019. Meanwhile, I have established Amoeba Energy, which develops bio-inspired optimization algorithms and provides Combinatorial Optimization solutions for the Smart-City applications such as optimized logistics and manufacturing. From 2020, I quit my tenure position of the university so that I can commit maximally the management of my company as a CEO. Sayyor worked with us as an internship in our company for about a year in FY 2020. I have known him for some three years now and can attest to his strengths and quality of character.

Sayyor’s high academic performance has been proven, as he achieved high grades in the classes that he took in Keio University, which is the highest-ranked private university in Japan. He has marked impressively high scores in the classes related to Mathematics, Computer Science, and practical techniques including Web Text Processing, Big Data Processing, Database Architecture, Optimization Theory, Programming on Mobile Devices. Sayyor has accumulated rich experiences of working on Machine Learning and



Data Science through writing his bachelor thesis entitled “HabitBreaker: Detecting Bad Habits Using Deep Learning Model MobileNet.”

Sayyor's programming skills and work attitude have already been going far beyond the levels of ordinary GRADUATE students. While he was working in our company, I was impressed very much by his intellectual abilities to catch the request from us and to develop program codes on novel optimization algorithms with surprisingly short delivery times. In addition, he has an excellent ability to imagine what others think and do, as he communicates with us each time when he needs to make sure if what he tries to work matches with our requested direction. In the undergraduate classes that I lectured, Sayyor was a leader to create a comfortable atmosphere at which other students can discuss actively, as he was the one who most frequently asked me questions. With these outstanding talents, Sayyor has already been reached the level of a professional engineer who can work with peers without any stress.

Moving from Uzbekistan to Japan, Sayyor had lived in three different places in four years by managing his life on his own. During the four undergraduate years, he was receiving a lot of scholarship as listed below:

- MEXT's Honors Scholarship for Privately-Financed International Students (2017),
(MEXT: Ministry of Education, Culture, Sports, Science and Technology of Japan)
- Goldman Sachs Scholars Fund (2018),
- Yamaoka Kenichi Memorial Scholarship for Undergraduate and Graduate Students (2019), and
- Masatada Kobayashi Scholarship for International Students (renewed every year because of his high academic performance).

These vital experiences would make it easier for him to adapt to new environments in many countries.

He has a strong motivation to establishing his own tech company in his home country, Uzbekistan, utilizing his majored Machine Learning, Data Science, and other IT tools to promote the digital transformation in the nation. His entrepreneurial motivation, together with his respectful character to behave patiently even when facing uncertain situations, always convinces me that he



will be a great leader in Uzbekistan in the near future.

For the above reasons, I am very confident that Sayyor Yusupov will be an excellent recipient of your prestigious scholarship, and I wholeheartedly support him for admission to your program. I strongly believe that he deserves to receive the scholarship and he will be an important leader to establish friendly relations among the nations that he will involve in the future.

Thank you for your time and attention in reading my endorsement.

Sincerely yours,



Masashi Aono, Ph.D.

Chief Executive Officer, Amoeba Energy Co., Ltd.

(Project Professor, Graduate School of Media and Governance, Keio University)

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