

IOHK's first Mongolian Haskell training course completed, allowing a new generation of blockchain developers to drive structural change in Mongolia

- The training was set up by IOHK and a variety of prominent Mongolian tech and governmental organizations
- Graduates of the program can now advise Mongolian authorities as they explore blockchain-based services like digital identity and smart contracts, as well as further developing the e-Mongolia platform
- The course is part of a wider partnership between IOHK and Mongolian authorities, who are working together on a number of projects, including testing IOHK's Atala PRISM solution for employee ID cards

30th September, Ulaanbaatar: Leading blockchain research and development company, [IOHK](#), today announced the successful completion of its Haskell programming language training course in Mongolia, pioneered by the Ulaanbaatar City Information and Technology Department, the National Information Technology Park and the Mongolian Blockchain and Cryptocurrency Association and leading blockchain engineering company, IOHK. The training was conducted by IOHK's Director of Education, Dr Lars Bruenjes, Dr. Andres Loeh (Well Typed) and Alejandro Garcia (IOHK).

The course was aimed at the brightest that Mongolia had to offer, and covered Haskell from the ground up, starting with the basics and eventually moving to advanced techniques including smart contract technology. Students wrote a variety of example smart contracts, ranging from online auctions to crowdsourcing campaigns. The course was designed to be very challenging, going beyond anything that could be found in a standard Haskell textbook or online course.

The Haskell programming language is used by companies like Facebook, Google, Intel and Microsoft for highly complex systems and applications. It allows users to work globally in blockchain, cyber security, artificial intelligence, and big data analytics. Mongolia has a rapidly growing IT industry, with fourth-generation mobile networks well established, the IT sector has been taking off and is beginning to play a more prominent role in the economy. Having local experts trained in Haskell will allow the government to explore systems such as digital identity, digital services and smart contracts, as well as further developing e-Mongolia, a platform designed to offer citizens access to online state services.

This isn't the first time IOHK has worked with officials in the Mongolian Capital. The city's IT Department and IOHK partnered to organize a Fintech hackathon in 2019, and are also exploring ways of strengthening local IT sector capabilities and R&D opportunities, in order to digitalize the city's services for its citizens.

B.Bat-Erden, Deputy Head of the Information and Technology Authority of Ulaanbaatar city, said:

“The first Haskell course has been a resounding success, and we are looking forward to seeing these talented developers contribute to a vast range of initiatives to make Ulaanbaatar, and indeed Mongolia, safer for citizens using smart solutions and technology-based services, as well as providing access to government services online. We hope to continue working closely with

today's graduates, and IOHK, to give opportunities to local developers and strengthen our governmental services.”

Lars Brünjes, Education Director at IOHK said:

“Education is one of IOHK’s core values, and we are always looking for bright young people to help build Cardano with us. We want to use our technology to bring vital services to those without them, and these courses allow us to create strong relationships with citizens of the very countries we are aiming to support. The courses give bright students the opportunity to not only build innovative and life-changing solutions for their own countries, but also become a part of a larger international community. Looking ahead, we will continue to seize every opportunity to empower talented individuals with the tools to drive digital transformation in their own countries and across the globe.”