



## **Alexander VASILYEV 博士**

北师港浸大高等研究院研究助理教授

### **Dr. Alexander VASILYEV**

Research Assistant Professor, Institute for Advanced Study, UIC.

Dr. Alexander is Bachelor's and Master's degrees in Applied Mathematics and Physics from the Moscow Institute of Physics and Technology, Ph.D. in computer science from Queen Mary University of London, and a postdoctoral researcher from Oxford Suzhou Centre for Advanced Research. His research areas include: Deep Reinforcement Learning, Time-series data analysis, Neurodegenerative diseases, Digital Healthcare and Human vision. His research specifically focused on addressing real-world challenges, such as the early detection of macular degeneration through the analysis of the eye movements of patients. Dr. Alexander obtained his Ph.D. in 2020 and continued working towards the application of reinforcement learning in biomedicine in his postdoctoral position at the Oxford Suzhou Centre for Advanced Research, in particular on the problem of evaluating dynamic treatment regimes for critically ill patients.