Viktor Kamaryan is a PhD candidate in Bioinformatics and Mathematical Biology at the Russian-Armenian University (RAU), working in the Structural Bioinformatics Laboratory. He received his Specialist degree in Bioinformatics from RAU in 2021 and is currently completing his PhD dissertation. His research focuses on applying bioinformatics methods to the study of proteins such as acetylcholinesterase (AChE) and butyrylcholinesterase (BChE), as well as piperazine derivatives.

He employs a wide range of computational tools, including virtual screening, molecular docking, and molecular dynamics, to investigate molecular interactions and ligand-binding mechanisms with proteins. His research is aimed at discovering potential therapeutic agents for the treatment of neurodegenerative diseases, particularly Alzheimer's disease.

In addition, he is developing new approaches to understanding the structural and functional aspects of proteins using methods of mathematical biology. His research plays a key role in advancing drug discovery efforts and deepening our understanding of biological processes at the molecular level.