

# **Lukasz Kurgan, Ph.D.**

**Robert J. Mattauch Endowed Professor and Vice Chair of Computer Science at VCU College of Engineering**

Engineering East Hall, Room E4268, Richmond, VA, US

Data scientist specializing in high-throughput structural bioinformatics of proteins & small RNAs.

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## **Biography**

Lukasz Kurgan received his M.Sc. degree (with honors) in Automation and Robotics from AGH University of Science and Technology (Poland) in 1999 and a Ph.D. degree in Computer Science from University of Colorado at Boulder in 2003. He joined the University of Alberta in 2003 where he received tenure in 2007 and was promoted to the rank of Professor in 2013. He moved to the Virginia Commonwealth University in 2016 as the Qimonda Endowed Professor of Computer Science.

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## **Industry Expertise**

Education/Learning, Research, Computer Software, Biotechnology, Pharmaceuticals

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## **Areas of Expertise**

Structural Bioinformatics, Proteins, Intrinsically Disordered Proteins, Small RNAs, Structural Genomics, Computer-aided molecular modeling, Protein-ligand(drug) interactions, Drug Repurposing, Big Data Analysis

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## **Affiliations**

Professor Department of Computer Science Virginia Commonwealth University, Adjunct Professor Department of Electrical and Computer Engineering University of Alberta

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## **Education**

**University of Colorado at Boulder**

Ph.D. Computer Science

**University of Science and Technology (Poland)**

M.Sc. Automation and Robotics

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## **Accomplishments**

**Fellow of the Kosciuszko Foundation Collegium of Eminent Scientists**

With citation for "outstanding achievements and contributions to the Polish scientific community."

**Fellow of the American Institute for Medical and Biomedical Engineering (AIMBE)**

With citation for "outstanding contributions to structural bioinformatics, focusing on protein-ligand and protein-nucleic acids interactions and computational characterization of intrinsic disorder. "

**Senior Member of ACM**

Elevated to be a senior member of Association for Computing Machinery.

**Gold Medal of Stanislaw Staszic**

Recognition for outstanding academic achievements in the undergraduate and Master's studies.

**Outstanding Graduate Student Award**

Outstanding Graduate Student Award for the M.Sc. thesis.

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