



Gabriela Hristescu

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Computer Science

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Education:

BS (Computer Science and Engineering), Polytechnic Institute of Bucharest, Romania

MS (Computer Science), Rutgers University

PhD (Computer Science), Rutgers University

Research Expertise:

Data Mining | Machine Learning/Artificial Intelligence | Bioinformatics/Computational Biology | Databases | Parallel and Distributed Computing

My research focuses on developing computational models, simulation, and visualization of cellular protein import through nuclear pores; developing software tools for knowledge extraction from large DNA microarray databases, data mining of gene expression databases, using machine learning approaches to analyze health data.

Member of:

Association for Computing Machinery (www.acm.org)

Institute of Electrical and Electronics Engineers (www.ieee.org)

UPE International Honor Society for the Computing and Information Disciplines (upe.acm.org)

Recent Publications:

Taggart DP, Waltz AI, Hristescu G. (2013) Machine Learning Approach for Analyzing Health Data, Proceedings on the International Conference on Artificial Intelligence (ICAI '13). The World Congress in Computer Science, Computer Engineering and Applied Computing.