

Curriculum Vitae: Domagoj Margan

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- RESEARCH INTERESTS Graph Mining; Large-scale Graph Processing Systems;
Construction and analysis of large real-world graphs;
Large-scale Distributed Systems; Stream Processing.
- EDUCATION **PhD, High Performance Embedded and Distributed Systems**
Department of Computing, Imperial College London, UK Oct 2016 – Present
Expected: Sep 2019
Focus: Design and implementation of dynamic graph processing systems.
Supervisor: Dr. Peter Pietzuch;
Group: Large-Scale Distributed Systems.
- MRes, Advanced Computing**
Department of Computing, Imperial College London, UK Oct 2015 – Sep 2016
Thesis Topic: *Chronograph: Large-Scale Temporal Graph Processing System.*
Supervisor: Dr. Peter Pietzuch;
Group: Large-Scale Distributed Systems.
- Master's degree, Information and Communication Systems**
Department of Informatics, University of Rijeka, Croatia Oct 2013 – July 2015
Thesis Topic: *The Application of Complex Networks in Text Classification.*
Supervisor: Dr. Ana Meštrović.
Honours: ***Summa Cum Laude distinction***
- Bachelor's degree, Informatics**
Department of Informatics, University of Rijeka, Croatia Oct 2009 – Sep 2013
Thesis Topic: *Implementing Procedures For Generating and Analysing Linguistic Networks in Python.*
Supervisor: Dr. Ana Meštrović.
- HONOURS AND AWARDS EPSRC – HiPEDS Centre for Doctoral Training Scholarship Oct 2015 – Sep 2019
Scholarship to cover funding for PhD studies as well as monthly stipend.
Issued by Engineering and Physical Sciences Research Council UK and Imperial College London.
- PUBLICATIONS S. Martinčić-Ipšić; D. Margan; A. Meštrović. “Multilayer Network of Language: A Unified Framework for Structural Analysis of Linguistic Subsystems.” *Physica A: Statistical Mechanics and its Applications*, 457, pp. 117-128, doi: 10.1016/j.physa.2016.03.082 (2016)
D. Margan; A. Meštrović. “LaNCoA: A Python Toolkit for Language Networks Construction and Analysis”. *38th International Convention on Information and Communication Technology, Electronics and Microelectronics - MIPRO 2015*, Croatia, IEEE, pp. 1628 - 1633. (2015)
D. Margan; S. Martinčić-Ipšić; A. Meštrović. “Network Differences Between Normal and Shuffled Texts: Case of Croatian”. *Studies in Computational Intelligence, Complex Networks*, Springer, 549, pp. 275-283. (2014)
D. Margan; A. Meštrović; M. Ivašić-Kos; S. Martinčić-Ipšić. “Toward a Complex Networks Approach on Text Type Classification”. *6th International Conference on Information Technologies and Information Society - ITIS 2014*, Slovenia. (2014)

