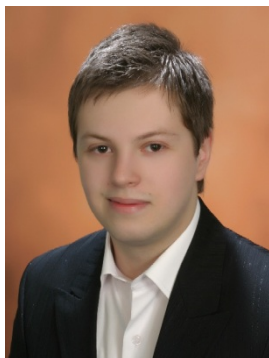


Curriculum Vitae



Personal information

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Education

Dates October 2009 – May 2011
Institution name "Ss. Cyril and Methodius" University
Faculty of Electrical Engineering and Information Technologies
Skopje, Rep. of Macedonia
Degree Master of Science
Overall GPA 10/10
Major field of study Computer Science and Computer Engineering
Thesis "Decentralized Approach for Detection of Hierarchical Structure and Clustering in the Complex Networks"
Advisor Acad. Prof. PhD Ljupco Kocarev

Dates October 2005 – October 2009
Institution name "Ss. Cyril and Methodius" University
Faculty of Electrical Engineering and Information Technologies
Skopje, Rep. of Macedonia
Degree Bachelor of Science
Overall GPA 8.82/10
Major field of study Computer Science and Computer Engineering
Thesis "Algorithm for 3-D Localization of Sensor Nodes in Wireless Sensor Networks"
Advisor Prof. PhD Vladimir Trajkovic

Research interests

Complex networks - applications on social, biological and technological systems, and their dynamics

- Modelling and prediction of outbreak dynamics (e.g. contagions, rumours, ideas) in complex networks
- Multi-agent cooperation challenges, such as reaching an agreement, distributed movement in formation and optimal placement

Machine learning and data mining

- Inference in networks

Systems biology

- Network dynamics, modeling and reconstruction

Publications

A. Stanoev, D. Smilkov and L. Kocarev, "Identifying communities by influence dynamics in social networks", Phys. Rev. E 84, 046102 (2011)

A. Stanoev, I. Trpevski and L. Kocarev, "An Agglomerative Clustering Technique Based on a Global Similarity Metric", Communications in Computer and Information Science, 1, Volume 83, ICT Innovations 2010, Part 2, Pages 266-275, Springer (2011)

Book chapter:

A. Stanoev and D. Smilkov, "Consensus Theory in Networked Systems", Consensus and Synchronization in Complex Networks, Pages 1-22, Springer Berlin Heidelberg (2013)

Working papers:

A. Stanoev, D. Trpevski and L. Kocarev, "Modeling the Spread of Multiple Concurrent Contagions on Networks" (forthcoming)

A. Stanoev, V. In and L. Kocarev, "Cooperative Method for Wireless Sensor Network Localization"

Work experience

Dates Since March 2010

Occupation Researcher at the Laboratory for Complex Systems and Networks

Employer Macedonian Academy of Sciences and Arts

Research Projects Optimization and Performance Enhancement of Complex Networks using Sensors (ONR Global, USA), 2010-2013

Supermodeling by combining imperfect models (FP7 FET Open, EC), 2010-2013

Dates April 2008 – February 2010

Occupation Software Developer

Employer "Planet Interactive", Skopje, Rep. of Macedonia - ICT

Responsibility Developing .NET applications (web and desktop), working with databases, embedded systems

Dates September 2007 and July - September 2006

Occupation Intern

Employer "Johnson Controls Inc." (Pontoise, France and HQ: Burscheid, Germany) - Automotive industry

| | |
|---|--|
| Awards | |
| Mathematics (Medals) | <p>International Mathematical Olympiads – Bronze (Mexico, 2005), Honorable Mention (Japan, 2003)</p> <p>Balkan Mathematical Olympiads – Silver (Junior – Cyprus, 2001), Bronze (Albania, 2003), Participation (Romania, 2005)</p> <p>Macedonian Mathematical Olympiads – Golden (2005, 2003, Junior – 2001), Bronze (2004, 2002)</p> |
| Honors | <p>Best high school student overall 2001-2005</p> <p>Best student of the generation 2002/03</p> <p>“9th November” acknowledgement 2003, City of Veles</p> |
| Scholarships | <p>Scholarship from JCI Blue Sky Foundation (Johnson Controls Inc.) 2005-2009</p> <p>Scholarship from ministry of education 2001-2005</p> <p>Foundation “Kole Nedelkovski” (Veles) 2003-2005</p> |
| Personal competencies and qualifications | |
| Mother language(s) | Macedonian |
| Other languages(s) | <p>English – excellent (IELTS - 8)</p> <p>German – good</p> |
| Technical skills and competencies | <p>Excellent coding skills – Significant algorithm competition results (CodeFu, ACM qual., Google CodeJam)</p> <p>Matlab, Mathematica, Python, Java, C/C++, ASP.NET, SQL, HTML, CSS, Javascript</p> |