

BRIEF PROFESSIONAL CV

(max 1 page without list of publications, focused mainly on topics mentioned in the proposal)

Name: Dr. Bérczes Tamás Márton

Data of Birth:

1975.09.25

Business Address:

Faculty of Informatics, University of Debrecen ,
Debrecen, P.O. Box 12, 4010, HUNGARY
Phone.: (36) +52- 512-900/75010, fax.: (36) +52-416-857,
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Education:

Seminars in stochastic processes, computer science, softwer tools

Professional Career:

Studied mathematics at University of Debrecen 1994-2000.
Received the M.Sc. in 2000 and PhD in 2011.

2001-2006 Senior developer at IFSZ Kft.
2006-2011 Assistant lecturer on the Department of Informatics Systems and
Networks, University of Debrecen
2011 - Adjunct on the Department of Informatics Systems and
Networks, University of Debrecen

Fields of Activity:

Queueing theory, stochastic processes, reliability theory, computer performance
evaluation, software developing.

Practical Experience:

2001-2004 developing in Oracle Designer, Oracle Form Builder, Oracle Report
Bulider.
2004-2006 developing SAP Business One using Visual Studio 2005 and SAP SDK.
Recent research involves performance tools and techniques among others the
MOSEL (**MO**deling **S**pecification and **E**valuation **L**anguage) and the probabilistic
model checker **PRISM**.

Languages:.

Advanced level English.

Selected Publications (max 5, not only from last 5 years):

A queueing network model to study Proxy Cache Servers.

Proceedings of 7th International Conference on Applied Informatics.,

Eger, Hungary Vol. 1 (2007), 203-211.

Co-author: J. Sztrik

Analyzing a Proxy Cache Server Performance Model with the Probabilistic Model Checker PRISM

WWW 2009 Automated Specification and Verification of Web Systems 5th International Workshop

Co-authors: G. Guta, G. Kusper, J.Sztrik, W. Schreiner, 4 hivatkozás

Approximation approach to performance evaluation of Proxy Cache Server systems

Annales Mathematicae et Informaticae 36 (2009) 15-28

Comparing the Performance Modeling Environment MOSEL and the Probabilistic Model Checker PRISM for Modeling and Analysing Retrieval Queueing Systems

Annales Mathematicae et Informaticae., 37 (2010), 51-75

Co-authors: G. Guta, G. Kusper, W. Schreiner and J. Sztrik

The impact of servers breakdown on the performance of Proxy Cache servers

Carpathian Journal of Electronic and Computer Engineering 4 (2011) 133-138

Co-authors: J. Sztrik, A. Házy