Balázs Gerencsér

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Employment
- On leave from the Alfréd Rényi Institute of Mathematics,
  Hungarian Academy of Sciences, Budapest, Hungary
- Postdoctoral Fellow at Université catholique de Louvain   2013-present
- Research Assistant at the Alfréd Rényi Institute of Mathematics,
  Hungarian Academy of Sciences, Budapest, Hungary   2011-2013
- Visiting Student Researcher at Massachusetts Institute of Technology   2009-2010

Education
- Eötvös Loránd Science University, Budapest, Hungary,
  Mathematics PhD, Degree: Summa cum Laude,
  Supervisor: Gábor Tusnády   2007-2013
- Eötvös Loránd Science University, Budapest, Hungary,
  Mathematics MsC, with Honors,   2002-2007
- Fazekas Mihály Gymnasium, with specialization in mathematics,   1997-2002

Awards
- "Gyula Farkas Award" for young applied mathematicians, Hungary,   2014
- "Excellent Student of the Faculty", Eötvös Loránd Science University, Budapest, Hungary,   2006
- "First Prize" at the International Mathematical Competition for University Students,
  Skopje, Macedonia   2004
- 5th Prize at the Vojtěch Jarník Annual International Mathematical Competition,
  Ostrava, Czech Republic   2003
- Bronze Medal at the International Mathematical Olympiad, Glasgow, UK   2002
- First Prize at the Kürschák József National Competition, Budapest, Hungary   2001

Scholarships
- Fulbright Scholarship, MIT, the Laboratory for Information and Decision Systems,
  Supervisor: John Tsitsiklis   2009-2010
- Scholarship of the Hungarian Republic,   2003-2007

Internships
- Summer internship at Morgan Stanley,
  - FID Analytics – Correlation of multiple random processes   2007
  - FID Analytics – Noise reduction and prediction of random processes   2006

Teaching
- Exercise class on Financial Mathematics   2011
- Exercise class on Probability Theory, Statistics   2006, 2009
- Exercise class on Analysis, Calculus, Functional Analysis   2003, 2005, 2006, 2007

Language skills
- English Advanced (C1) language exam,   2009
- Latin Intermediate (B2) language exam,   2002
- French Intermediate

Computer skills
- Programming in C/C++, Matlab, Javascript, Go, etc.
- Linux administration

Current research interests
- Markov processes, long term behavior
- Distributed systems, networks
- Applications in computer science and biology