

Matúš Mihaľák - Curriculum Vitae

Personal data:

Name (first, last): Matúš Mihaľák
Place and date of birth: 25.9.1978 in Prešov, Slovak Republic
Affiliation: Institute of Theoretical Computer Science, CAB H 33.3,
ETH Zurich,
Universitatstrasse,
8092 Zurich, Switzerland
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Education:

University of Leicester, Great Britain (Oct 2004 - Oct 2006)
- PhD student at Algorithms and Complexity Group (supervisor Dr. Thomas Erlebach)

ETH Zurich, Switzerland (Apr 2003 - Sep 2004)
- PhD student at Dr. Thomas Erlebach's research group "Theory of Communication Networks",
Computer Engineering and Networks Laboratory

ETH Zurich, Switzerland (Oct 2002 - Mar 2003)
- pre-doc student of European Graduate Program "CGC-Combinatorics, Geometry and Computati-
on", Institute of Theoretical Computer Science

Comenius University Bratislava, Slovakia (1997-2002)
- master degree in computer science (with honors)
- major: mathematical methods in computer science, computer graphics

Other academic activities:

- co-author of national contest in programming for high school students (2000) (ACM-like competi-
tion)

- teaching assistance: ACM Programming Contest Practice (WS 2002/2003, SS 2003, WS 2003/2004,
ETH Zurich), Discrete Event Systems (WS 2003/2004, ETH Zurich), Online Algorithms (SS 2004, ETH
Zurich), Logic and Discrete Structures (SS 2005, SS 2006, Uni. of Leicester), Program Design (WS
2005/2006, Uni. of Leicester), Algorithms and Data Structure (SS 2006, Uni. of Leicester), Multime-
dia and Computer Graphics (SS 2006, Uni. of Leicester), Algorithmic Game Theory (WS 2006/2007,
ETH Zurich), Informatik 1 (fur den Studiengang Maschinenbau und Verfahrenstechnik) (SS 2007, ETH
Zurich)

Areas of interests:

- design and analysis of algorithms, approximation algorithms
- foundations of computer science (comp. complexity, combinatorics, etc.)

Professional experience

- April 2000 - May 2002 (part time): Infotrans, Ltd., Taureus, Ltd. and InfoTrust, Ltd. (www.infotrans.sk,
www.taureus.sk, www.infotrust.sk)
- research in the area of authentication of paper printed documents
- robust feature extraction from grey-scale images of paper for reference comparison (Master's
Thesis)

Languages

Slovak (native language), Czech (fluent), English (fluent), German (intermediate).