

Curriculum Vitae of Gábor Alagi

Personal Data

Name: Gábor Alagi
Email: gabor.alagi@outlook.com
LinkedIn: linkedin.com/in/gaboralagi
Date of Birth: 1984. December 16.
Place of Birth: Budapest, Hungary
Citizenship: Hungarian
Languages: Hungarian (native), English (fluent), German (intermediate), French (minimal), Finnish (minimal)

Academic Career

2012 - 2017 **Ph.D. Student**
Graduate School of Computer Science,
Saarland University
Doctoral Researcher
Automation of Logic Research Group,
Max Planck Institute for Informatics
Saarbrücken, Germany

2011 Summer **CEEPUS Exchange Student**
Johannes Kepler University, Linz, Austria

2009 - 2012 **Ph.D. Student**
Department of Programming Languages and Compilers, Faculty of Informatics, Eötvös Loránd University, Budapest, Hungary

Education

2009 **M.Sc. in Computer Science with Honours**
Diploma thesis: "*Paramodulation in the conventional and the free-variable resolution calculus*"
Supervisor: dr. habil. Katalin Pásztor Varga
Specializations: *Artificial Intelligence, Logic and Computation Theory, Operation Research, Simulation*
Eötvös Loránd University, Budapest, Hungary

2003 - 2009 **Student of Computer Science**
Eötvös Loránd University, Budapest, Hungary

2003 **High School Graduation**
Városmajori High School, Budapest, Hungary

Scholarships and Awards

2009 Ph.D. Scholarship granted by the Hungarian State

- 2007** Third place at the Computer Science Section of the 28th National Conference of Students in Informatics
- 2005, 2006, 2007** Fellowship granted by the Hungarian State for excellent studies
- 2006, 2007, 2008** Prominent Student of the Faculty

Summer School Participations ---

- 2013 July** **Third International SAT/SMT Summer School 2013**
Aalto University, Espoo, Finland
- 2012 September** **Verification Technology, Systems & Applications**
Max Planck Institute for Informatics, Saarbrücken, Germany
- 2012 February** **Winter School on Verification**
Vienna Center for Logic and Algorithms, Vienna, Austria

Soft Skill Workshop Attendances ---

– GradUS, Saarland University, Saarbrücken

- **Leadership Skills for Doctoral Researchers**
WiSe 2015/16, 18-19.01.2016, 12 hrs
- **Innovation Management for Doctoral Researchers**
SoSe 2015, 04-05.09.2015, 16 hrs
- **Die Steuererklärung für Akademiker**
SoSe 2015, 02.07.2015, 4 hrs
- **Führung und Kommunikation in Organisationen**
SoSe 2015, 19/26.06.2015, 16 hrs
- **International promovieren: Mobilität, Cotutelle & Co.**
SoSe 2015, 28.05.2015, 4 hrs
- **Working and Conducting Ph.D. Research in Germany**
SoSe 2015, 21.05.2015, 3 hrs
- **Rhetorikkurs für Doktoranden**
SoSe 2015, 19.05-07.07.2015, once weekly, 12 hrs
- **How to Find a Job and Start Working in Germany**
WiSe 2014/15, 26-27.01.2015, 12 hrs
- **Training effektiver Kreativitätstechniken**
WiSe 2014/15, 18-19.12.2014, 9 hrs
- **Working Group Scientific English**
SoSe 2013, one session monthly

- **Wissenschaft als Karriereweg**
WiSe 2012/13, 07.01.2013, 4 hrs
- **Stressmanagement für Promovierende**
WiSe 2012/13, 22.02.2013, 8 hrs
- **Social Media in der Wissenschaft**
SoSe 2012, 16.07.2012, 4 hrs

Teaching Experiences

- **Automated Reasoning**
Tutorium, Saarland University, Saarbrücken, Germany.
Winter Semester 2014/2015
- **Introduction to Informatics**
Practical course, Eötvös Loránd University, Budapest, Hungary.
2006-2007-1, 2007-2008-1, 2008-2009-1, 2009-2010-1
- **Logical bases to Programming**
Practical course, Eötvös Loránd University, Budapest, Hungary.
2004-2005-2, 2005-2006-1, 2005-2006-2, 2006-2007-1, 2006-2007-2,
2007-2008-2, 2008-2009-1
- **Logic and Computation Theory**
Practical course, Eötvös Loránd University, Budapest, Hungary.
2009-2010-1, 2009-2010-2, 2010-2011-1, 2011-2012-1
- **Software Engineering**
Practical course, Eötvös Loránd University, Budapest, Hungary.
2006-2007-1

Research Interests

- Superposition
- First-Order Theorem Provers
- Machine Learning in Automated Reasoning
- SAT Solving

Projects

2010 - 2011

MCore

A participant of this project on parallel programming languages funded by the European Union and the European Social Fund under the grant agreement no. TÁMOP 4.2.1./B-09/1/KMR-2010-0003.

Research Visits

- Research Institute for Symbolic Computation (RISC), Johannes Kepler University, Linz, Austria. October 24-31, 2010.

Publications

1. Gábor Alagi and Christoph Weidenbach: *NRCL - A Model Building Approach to the Bernays-Schönfinkel Fragment*, 10th International Symposium on Frontiers of Combining Systems (FroCoS'15), 2015.
Extended paper available at <http://arxiv.org/abs/1502.05501>.
2. K. Pásztor Varga, G. Alagi, and M. Várterész: *Many-valued logics – implications and semantic consequences*, Acta Universitatis Sapientiae, Informatica, 5, 2 (2013) pp.145-166, 2013.
3. Gábor Alagi: *A type system for parallel resource sharing*, 8th Joint Conference on Mathematics and Computer Science (MaCS 2010), Selected Papers, 2011.
4. Gábor Alagi: *Paramodulation in the conventional and the free-variable resolution calculus* (in Hungarian), Diploma Thesis, 2009.