

RNDr. Tomáš Balyo

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Education

- 2010 – 2014: Ph.D. student at the *Faculty of Mathematics and Physics, Charles University in Prague*. Branch of study: *Theoretical Computer Science*. Supervisor: *prof. RNDr. Roman Barták, Ph.D.* Dissertation: *Modeling and Solving Problems Using SAT Techniques*.
- 2010: Master of Theoretical Computer Science, *Faculty of Mathematics and Physics, Charles University in Prague*. Supervisor: *RNDr. Pavel Surynek, Ph.D.* Diploma Thesis: *Solving Boolean Satisfiability Problems*.
- 2008: Bachelor of Science in General Computer Science, *Faculty of Mathematics and Physics, Charles University in Prague*. Supervisor: *RNDr. Pavel Surynek, Ph.D.* Bachelor's Thesis: *Efficient SAT Solver*

Internships

- Three months internship at the Institute for Formal Models and Verification, prof. Armin Biere, Johannes Kepler University in Linz, Austria, October – December 2013

Summer Schools

- Second International SAT/SMT Solver Summer School, 2012, Trento, Italy
- Madalgo Summer School 2012, Aarhus University, Denmark
- First International SAT/SMT Solver Summer School, 2011, MIT, Cambridge, MA, USA

Grant Projects

- Principal researcher of GAUK project nr. 600112 (Design of efficient algorithms for Boolean satisfiability and related problems on parallel architectures), 2012 – 2014
- Researcher in GAUK project nr. 266111 (Classes of Boolean Formulae with Effectively Solvable SAT), 2011 – 2013
- Researcher in GAČR project nr. GAP103/10/1287 (PlanEx: Bridging Planning and Execution), 2011 – 2014

Teaching

- Tutor at classes Programming I (3 semesters) and Programming II (4 semesters), Faculty of Mathematics and Physics, Charles University in Prague, 2010 – 2013
- Supervisor of 12 bachelor theses (9 defended) and 1 diploma thesis, Faculty of Mathematics and Physics, Charles University in Prague, 2010 – 2014



In Prague, 11. June 2014

Tomáš Balyo