

Viktor Toman

<https://vitosvk.github.io/>

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PERSONAL INFORMATION

Date of Birth: 10. July 1993
Place of Birth: Nové Zámky, Slovakia
Nationality: Slovak

EXPERIENCE

Research Intern at Google Research , Zürich, Switzerland	remote-covid19	Aug 2020 – Nov 2020
<ul style="list-style-type: none">■ On-Device Machine Learning■ Advisor: Anna Goralska		
Research Intern at Google Research , Mountain View, California, USA		Jul 2019 – Oct 2019
<ul style="list-style-type: none">■ Machine Learning in Higher-Order Theorem Proving■ Advisors: Kshitij Bansal, Markus Rabe		
Research Intern at Google Research , Mountain View, California, USA		Jul 2018 – Oct 2018
<ul style="list-style-type: none">■ Machine Learning in Higher-Order Theorem Proving■ Advisors: Sarah Loos, Christian Szegedy		

EDUCATION

Ph.D. at IST Austria , Klosterneuburg, Austria	Sep 2016 – present
<ul style="list-style-type: none">■ Computer Science – Formal Methods<ul style="list-style-type: none">• Focus: Verification of concurrent programs, Symbolic model checking■ Advisor: Krishnendu Chatterjee	
Mgr. at Masaryk University , Brno, Czech Republic	Sep 2014 – Jun 2016
<ul style="list-style-type: none">■ Computer Science – Parallel and Distributed Systems<ul style="list-style-type: none">• Graduated with honours, CGPA 1.00• Dean's award for excellent academic performance	
Bc. at Masaryk University , Brno, Czech Republic	Sep 2011 – Jun 2014
<ul style="list-style-type: none">■ Computer Science – Mathematical Informatics<ul style="list-style-type: none">• Graduated with honours, CGPA 1.34• Dean's award for excellent academic performance	

PUBLICATIONS

T. L. Bui, K. Chatterjee, T. Gautam, A. Pavlogiannis, VT. ---Submission under blind review---	Submitted 2020
K. Bansal, C. Szegedy, M. N. Rabe, S. M. Loos, VT. <i>Learning to Reason in Large Theories without Imitation.</i> [pdf]	Submitted 2020
K. Chatterjee, A. Pavlogiannis, VT. <i>Value-centric Dynamic Partial Order Reduction.</i> [pdf]	OOPSLA 2019
P. Ashok, T. Brázdil, K. Chatterjee, J. Křetínský, C. H. Lampert, VT. <i>Strategy Representation by Decision Trees with Linear Classifiers.</i> [pdf]	QEST 2019
K. Chatterjee, M. Henzinger, V. Loitzenbauer, S. Oraee, VT. <i>Symbolic Algorithms for Graphs and MDPs with Fairness Objectives.</i> [pdf]	CAV 2018
T. Brázdil, K. Chatterjee, J. Křetínský, VT. <i>Strategy Representation by Decision Trees in Reactive Synthesis.</i> [pdf]	TACAS 2018

LEADERSHIP	Supervised Shreya Pathak – IST Austria Research Intern remote-covid19 ■ Project in progress	Apr 2020 – Jul 2020
	Supervised Pratyush Agarwal – IST Austria Research Intern remote-covid19 ■ Project in progress	Apr 2020 – Jul 2020
	Supervised Truc Lam Bui – IST Austria Research Intern ■ ---Submission under blind review---	Dec 2019 – Mar 2020
	Supervised Tushar Gautam – IST Austria Research Intern ■ ---Submission under blind review---	May 2019 – Jul 2019
TEACHING	Teaching Assistant – Formal Methods for Learned Systems ■ Ph.D. course at IST Austria	Feb 2020 – Apr 2020
	Teaching Assistant – Randomized Algorithms ■ Ph.D. course at IST Austria	Feb 2019 – May 2019
	Teaching Assistant – Randomized Algorithms ■ Ph.D. course at IST Austria	Feb 2018 – May 2018
LANGUAGES	■ C++, Java, Python ■ English, Czech, Slovak (native), German (elementary)	
REFERENCES	Krishnendu Chatterjee IST Austria krishnendu.chatterjee@ist.ac.at	Sarah Loos Google Research smloos@google.com
	Andreas Pavlogiannis Aarhus University pavlogiannis@cs.au.dk	Christian Szegedy Google Research szegedy@google.com

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