

# Curriculum Vitae

## Personal Information

Name Andreas Fellner  
Date of Birth 11.11.1987  
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## Timeline

since 2016 Doctoral Student at Austrian Institute of Technology and TU Wien  
2014 - 2015 IST Austria Graduate School  
2013 Google Summer of Code  
2012 - 2014 Master in Computational Logic  
TU Dresden, TU Vienna, Free University of Bolzano  
Average grade: 1.1  
2008 - 2012 Bachelor degree in Technical Mathematics  
Branch: Mathematics in Computer Science  
TU Vienna  
Average grade: 1.58

## Publications

- J. Boudou, A. Fellner, and B. W. Paleo. Skeptik: A proof compression system. In *Automated Reasoning*, pages 374–380. Springer, 2014
- T. Brázdil, K. Chatterjee, M. Chmelik, A. Fellner, and J. Kretínský. Counterexample explanation by learning small strategies in markov decision processes. In *Computer Aided Verification - 27th International Conference, CAV 2015, San Francisco, CA, USA, July 18-24, 2015, Proceedings, Part I*, pages 158–177, 2015

## Talks

- NP-completeness of small conflict set generation for congruence closure  
SMT Workshop 2015
- Space and Congruence Compression of Proofs  
EMCL Student Workshop 2015
- Propositional proof compression  
EMCL Student Workshop 2014
- Subsumption, Recursive Splitting and Greedy Pebbling for Propositional Proof Compression  
Third Workshop of the Amadeus Project on Proof Compression

## Scientific Events

- 10th International Conference on Tests & Proofs, 2016, Vienna
- CPS Week, 2016, Vienna
- Computer Aided Verification Conference, 2015, San Francisco
- SMT Workshop, 2015, San Francisco
- Tableaux and Focos, 2013, Nancy.

## Miscellaneous

- Sub-reviewer for Special Issue of The Journal of Automated Reasoning on Interpolation Techniques for Program Verification and Synthesis
- Head organizer of EMCL Student Workshop, 2014, Vienna
- Head organizer of IST Austria Student Visit Day 2015
- Recipient of a Erasmus Mundus grant for the European Master's Program in Computational Logic
- Selected candidate of the Google Summer of Code 2013, implementing various compression algorithms for Skeptik using Scala

## Skills

- Programming languages
  - Most experience: Java, Scala
  - Multi-moth projects: C++, PHP
  - Small projects: SQL, C, Python6
- Tools: Latex, Matlab, R, Office Package, Sun Grid Engine
- Languages: German (native), English (TOEFL score: 105), Spanish (Basics)