

Michael Rawson

Postdoctoral Researcher

M (+44) 07570804529
E michael@rawsons.uk
W rawsons.uk/michael

Education

BA (Computer Science), *University of Cambridge.*

2014–17

Doctor of Philosophy, *University of Manchester.*

2017–21

Brief

I am a researcher in the area of automated reasoning, a sub-field of computer science. I work under Laura Kovács in the FORSYTE group at TU Wien, Austria. My main research goal is to build software systems that can reason effectively, but also *learn* from their past experience.

Research

My doctoral work (supervised by Giles Reger) focussed on applications of machine learning to automatic theorem provers. I remained at Manchester for a year afterwards, working on parallelism within the Vampire first-order theorem prover. Since September 2021 I work at TU Wien on reasoning with applications to program verification.

I am interested in first-order reasoning, program verification, machine learning for reasoning, applications of SAT/SMT technology to reasoning, parallelism techniques for reasoning, connection tableaux, evaluation of theorem provers, interactive theorem proving, etc. Publications indexed via [Google Scholar](#).