

SASHA RUBIN – RESUME, DECEMBER 2013

CONTACT	41/14 Alser Strasse, Vienna, Austria sasha.rubin@gmail.com http://forsyte.at/people/rubin/
AIM	Apply my analytical skills to work, as part of a team, on projects that will have broad impact on the well being of as many people as possible.
OVERVIEW	Junior level researcher with experience in Austria, Germany, Israel, New Zealand, South Africa, and the U.S.A., teaching and supervising students at the undergraduate and postgraduate levels.
PROFESSIONAL ACTIVITIES	<p>Research Collaborated with colleagues creating and solving mathematical problems, writing papers, presenting results at seminars and conferences, and giving invited talks.</p> <p>Teaching and Education Taught mathematics and computer science classes at undergraduate and postgraduate levels. I experimented and innovated with ways to engage students in the material.</p> <p>Co-organised the IST Austria Young Scientist Symposium on the topic ‘Understanding Shape: in silico and in vivo’. ist.ac.at/young-scientist-symposium-2013/</p> <p>Created the computer science seminar at IST Austria whose goal is to foster collaborations within the institute. ist.ac.at/computer-science-seminar/</p> <p>Writing and Editing Written a number of surveys of my field, including two book chapters. I am an assistant to the editors of a handbook to be published by Springer in 2014.</p> <p>Supervision Supervised three groups of undergraduates in research projects, resulting in publications in conferences and journals.</p> <p>Grants Awarded three year New Zealand Science and Technology postdoctoral fellowship (2005-2007). Awarded funds by the European Science Foundation’s GAMES networking programme for three research visits (2011).</p>
UNIVERSITY	<p>PhD Mathematics and Computer Science (2004), University of Auckland, New Zealand (Awarded Vice-chancellor’s prize for the best doctoral thesis in the Faculty of Science, and Montgomery memorial prize in logic from the Department of Philosophy).</p> <p>MSc Mathematics and Computer Science (1998), University of Auckland, New Zealand. (First class).</p> <p>BSc Mathematics and Computer Science (1996), University of Cape Town, South Africa. (Deans Honour List).</p>

NON-PROFESSIONAL
ACTIVITIES

Political Wrote to elected officials in New Zealand to ask that they expand public debate on particular issues.

Volunteer Briefly volunteered at a secondary school in Accra, Ghana, teaching, observing and commenting on grade 5 mathematics classes. I also briefly volunteered in Khayelitsha, South Africa, helping high-school students prepare for their high-school mathematics exams.

LANGUAGE

Native proficiency in English (South African).

Elementary proficiency in Afrikaans, French, Hebrew, and Portuguese.

HOBBIES

Learned music and dance while travelling, for instance Maracatu in Brasil, Agbadza in Ghana, Flamenco in Spain, and Blues in the U.S.A.