


🏠 Barcelona • Spain
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🗣 **Languages** native: Polish • fluent: English, Spanish • basic: Russian
x² **Mathematics & Physics** for example, Dynamical Systems, Probability & Statistics, Numerical Methods, Complex Analysis
💻 **Programming** R, Ruby(RoR), Python(Django), JavaScript, SQL(PostgreSQL), Octave/Matlab, HTML5, L^AT_EX

Ph.D. in Mathematics Warsaw University of Technology • Warsaw • Poland 2000–2005
M.Sc. (Hons) in Mathematics Education University of Białystok • Białystok • Poland 1997–1999
Workshops on Dynamical Systems, Göttingen, Trieste, Pisa, Warszawa, Kraków, Coventry, Snowbird, Santiago de Chile, Denton, La Paz, Oberwolfach 2001–2013
Coursera/edX/Udacity/... *Machine Learning, Statistical Learning*, 9 out of 10 courses in *Data Science Specialization, DB Introduction to Databases, Software as a Service, Programming Languages, Functional Programming in Scala, Computational Finance and Financial Econometrics* ... 2012–present

 **Freelance** • Barcelona • Spain present
Data Scientist/Software Developer • analyzing data for organizations/companies, preparing reports both static (pdf, excel, etc) and automatic/dynamic (web applications), managing/creating data bases

 **Clacktion** • Barcelona • Spain January–April 2015

SEM Technologist

 *Soluciones de Gestión y Apoyo a Empresas S.L* • Zaragoza • Spain August 2013 – December 2014

Mathematical modelling in electric engineering, • developing web apps, writing, typesetting, programming HTML5 apps for engineering journal *Soluções*

 **Universidad Católica del Norte** • Antofagasta • Chile 2005–2013

Associate Professor • research, thesis supervision (PhD, MSc, Bachelor), taught graduate and undergraduate courses

 **DeLTA UCN** • Antofagasta • Chile 2010–2013

Professor • work with gifted primary and secondary students, Bridge courses, course for teachers about educational technology

 **Université Lille 1** • Lille • France September–November 2010

Visiting Professor • research on Dynamical Systems

 **University of North Texas** • Denton • USA January–June 2009, February–May 2007

Visiting Professor • research on Dynamical Systems, taught undergraduate course *Probability Models*

 **Polish Academy of Sciences** • Warsaw • Poland 2004–2005


Assistant Professor • research position

 **Warsaw University of Technology** • Warsaw • Poland 2000–2004


PhD student • taught undergraduate courses


 **University of Warwick** • Coventry • UK April–July 2003


Marie Curie Scholarship • research on Dynamical Systems

 **Faculty of Mathematics and Physics, University of Białystok** • Białystok • Poland 1998–2000

Assistant Professor • taught graduate and undergraduate courses


 Author of **book** *Distance Expanding Random Mappings, Thermodynamical Formalism, Gibbs Measures and Fractal Geometry Lecture Notes in Mathematics* Springer 2011 (with V. Mayer and M. Urbański)

 Author of **articles** in mathematical journals e.g. *Mathematical Proceedings of the Cambridge Philosophical Society, Fundamenta Mathematicae, Indagationes Mathematicae* etc.

 Active participation in international and national research **grants** financed by European Union, Chile or Poland

 Giving talks at international and national **conferences and workshops** in USA, Germany, Poland, Chile, Bolivia

 **Visiting** universities and **receiving visits** from USA, France, Poland, Chile

 **Member of Organising Committee** of international and national conferences in USA, Chile, Bolivia

 **Hobbies** music, playing guitar/ukulele/timple, Bridge, cine, hiking, travel

Skills

Education

Professional Experience

Scientific activities