

🏠 Barcelona • Spain  
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🗣 **Languages** native: Polish • fluent: English, Spanish • basic: Russian  
 x<sup>2</sup> **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<sup>A</sup>T<sub>E</sub>X

Skills

Education

Professional Experience

Scientific activities


**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*, 6 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

 **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 (RoR, Django), 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 2010

**Visiting Professor** • research on Dynamical Systems

 **University of North Texas** • Denton • USA 2009, 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 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