

🏠 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

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
Course/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
Independent Data Scientist/Software Developer


 **Oxfam Intermón** • Barcelona • Spain present
Voluntary Work for Unidad de Monitoreo y Evaluación de Campañas • Creating web application that analyzes and visualize Oxfam Intermón campaigns on Twitter. It access twitter API and stores relevant information in data base. It provides different statistics together with different visualizations like graph of connections, maps showing where participants come from etc. It exports data to csv, gephi and produces periodic reports in pdf.

 **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/undergraduate courses

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

Professor • work with socially disadvantaged gifted students, course for teachers about new technologies

 **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 research **grants** financed by European Union, Chile or Poland

 Talks at international **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