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 *King* • Barcelona • Spain September 2015–Present  
**Data Scientist** • Working on improving the experience more than 300 million players of King's games, being focused mostly on games: Bubble Witch 2 and 3. Translating business needs to technical requirements and AB tests, then working with development teams to ensure correct implementation and tracking. Developing an analysis strategy and performing analysis of complex scenarios. Tools used include: **Hive, R, Python**.

 *Oxfam Intermón* • Barcelona • Spain April–September 2015  
**Voluntary Work for Unidad de Monitoreo y Evaluación de Campañas** • Creating web application that analyzes and visualize Oxfam Intermón campaigns on Twitter. It accesses twitter API and stores relevant information in a 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. Tools used include: **R**



 *Soluciones de Gestión y Apoyo a Empresas S.L* • Zaragoza August 2013 – December 2014  
**Mathematical modelling in electric engineering**, • Developing web apps and reports related to electrical and logistic projects in Angola. Writing, typesetting, programming HTML5 apps for engineering journal *Soluções*. Tools used include: **Ruby (RoR), Python, Matlab,  $\LaTeX$** .

 *Universidad Católica del Norte* • Antofagasta • Chile 2005–2013  
**Associate Professor** • Mathematical Research: a book and articles written, participation in international and national grants, long and short term visits in other research institutions, active participation in mathematical congresses and workshops. Teaching: graduate/undergraduate courses, thesis supervision (PhD, MSc, Bachelor). Administration: Member of Mathematical Graduate Studies Committee.

**UNT** *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.

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 **Programming** R, Python, Hadoop (Hive, Spark), SQL, C, Ruby, JavaScript, Java,  $\LaTeX$ , Emacs  
**x<sup>2</sup> Mathematics & Statistics**  
 **Languages** native: Polish • fluent: English, Spanish • basic: Russian

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**Freelance** • Barcelona • Spain

April–September 2015

**Independent Data Scientist/Software Developer** • Collaboration on various projects that include: proposal of recommender systems for a online shop in Poland, proposals of pricing modeling.



**Clacktion** • Barcelona • Spain

January–April 2015

**SEM Technologist** • Creating AdWords Campaigns. Developing software for automated control and reports in **Python (Django)**.



**DeLTA UCN** • Antofagasta • Chile

2010–2013

**Professor** • Working 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 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

**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

**Coursera/edX/Udacity/...**

2012–present

*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 ...*



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 that include *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



**Co-organizer** of meetup Grup d'estudi de machine learning de Barcelona



**Co-organizer** of meetup RugBcn, Barcelona R users group



**Co-organizer** of DataGym: regular training sessions on Machine Learning



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

