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 **Languages** native: Polish • fluent: Spanish, English • basic: Russian  
 **Programming** Ruby(RoR), Python(Django), R(Shiny), JavaScript, SQL(PostgreSQL), Octave/Matlab, HTML5,  $\text{\LaTeX}$   
**x<sup>2</sup> Mathematics & Physics** Dynamical Systems, Probability & Statistics, Numerical Methods, Complex Analysis...

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 **Freelance** • Barcelona • Spain May 2015  
**Software Developer/Data Scientist** • Working on data analysis and visualization of Oxfam Intermon's Twitter campaigns. I created a **Shiny(R)** web app that collect, analyze and visualize data from Twitter's REST API. Now I am transforming it into **Rails/Angular/D3.js** app.

 **Clacktion** • Barcelona • Spain January–April 2015  
**SEM Technologist** • Created Google AdWords campaigns for Poland and Russia. • Wrote **Python** scripts that access Google, Facebook, local CRM APIs and store data into local DB (using **Django**).


 **Soluciones de Gestión y Apoyo a Empresas S.L.** • Zaragoza • Spain August 2013 – December 2014  
Created back-end application that controls daily maintenance task in a hospital (**Ruby, RSpec**). • Created warehouse web app (**RoR, Cucumber, RSpec**). • Created a library for visualization of mathematical models (**Javascript, Jasmine**). • Mathematical modeling in electric engineering (**Matlab/Octave**). • Typesetting for engineering journal *Soluções* ( **$\text{\LaTeX}$** ). • Created web app that estimate sales offer for different incoterms rules (**Django**)


 **Faculty of Mathematics and Physics, University of Białystok** • Białystok • Poland 1998–2000  
Assistant Professor • Worked on compiling Mizar Project in Linux. (**Pascal**)

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**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/...** *Software as a Service, DB Introduction to Databases, Programming Languages, Functional Programming in Scala, Machine Learning, Statistical Learning*, 6 out of 10 courses in *Data Science Specialization, Computational Finance and Financial Econometrics ...* 2012–present

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 **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


**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


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


**Marie Curie Scholarship** • research on Dynamical Systems


 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

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

 **Member** of DLABS (Zaragoza Hackerspace) and Zaragoza Ruby Jam Session

 **Helping organize** PyConEs 2014 Zaragoza

Skills

Programming Experience

Education

Academic Experience

Others

2014

November 2014