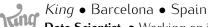
- ★ Barcelona Spain
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- https://github.com/sbartek



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

 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, MFX.
- With the Committee. Universidad Católica del Norte ◆ Antofagasta ◆ Chile 2005–2013

 Associate Professor ◆ Mathematical Research: a book and articles written, participation in international and national grands, 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 **Assistant Professor •** Research position.

2004-2005

- Programming R, Python, Hadoop (Hive, Spark), SQL, C, Ruby, JavaScript, Java, Lance Programming R, Python, Hadoop (Hive, Spark), SQL, C, Ruby, JavaScript, Java, Lance Programming R, Python, Hadoop (Hive, Spark), SQL, C, Ruby, JavaScript, Java, Lance Programming R, Python, Hadoop (Hive, Spark), SQL, C, Ruby, JavaScript, Java, Lance Programming R, Python, Hadoop (Hive, Spark), SQL, C, Ruby, JavaScript, Java, Lance Programming R, Python, Hadoop (Hive, Spark), SQL, C, Ruby, JavaScript, Java, Lance Programming R, Python, Hadoop (Hive, Spark), SQL, C, Ruby, JavaScript, Java, Lance Programming R, Python, Hadoop (Hive, Spark), SQL, C, Ruby, JavaScript, Java, Lance Programming R, Python, Hadoop (Hive, Spark), SQL, C, Ruby, JavaScript, Java, Lance Programming R, Python, Lance Programming R, Python,
- x² Mathematics & Statistics
- **Q** Languages native: Polish fluent: English, Spanish basic: Russian



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

WARWICK 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 ● Poland1997–1999 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
- **Trance**, 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 quitar/ukulele/timple, Bridge, cine, hiking, travel

