Barttomiej Mariusz Skorulski ● **CURRICULUM VITAE**

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SCRM (Lidl) ● Barcelona ● Spain   February 2017–Present
Senior Data Scientist ● I participate Lidl Plus project, a project that will change customer service and the way people do shopping in the chain of more than 10,000 Lidl supermarkets across Europe. My role is setting up hypothesis-driven decision-making environment and creating recommender systems. Tools used include: `Hive`, `Python`.

King (Activision/Blizzard) ● Barcelona ● Spain   September 2015–February 2017
Data Scientist ● I was lucky to work for this successful game company, that has more than 300 million unique players every month and their user data base is one of the biggest in the world. I participated in developing and improving the best bubble shooters ever: Bubble Witch 2 and 3. My role was performing analysis of complex scenarios, developing analysis strategies and creating predictive models. 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 *Soluçoes*. 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 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.

University of North Texas ● Denton ● USA   January–June 2009, February–May 2007
Visiting Professor ● Research on Dynamical Systems, taught course *Probability Models*

Polish Academy of Sciences ● Warsaw ● Poland   2004-2005
Assistant Professor ● Research position.

⌨ **Programming** R, Python, Hadoop (Hive, Spark), SQL, C, Ruby, JavaScript, Java, LATEX, Emacs
x^2 **Mathematics & Statistics**
💬 **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

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 Bialystok ● Białystok ● Poland 1997–1999
Coursera/edX/Udacity/...   2012–present
Machine Learning, Statistical Learning, 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** form 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