Bartłomiej Mariusz Skorulski ● **CURRICULUM VITAE**

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in https://www.linkedin.com/in/bartekskorulski/ ⦿ https://github.com/sbartek

Alpha ● Barcelona ● Spain — March 2019–present
Senior Data Scientist, AI Enablement Team Lead ● Alpha Health (founded by Telefonica in 2016) is an innovation facility created to build projects which improve people's mental health and wellbeing. I lead a team that prototypes and implements AI/ML/Data solutions. We have created recommender systems, Heart Rate/Breathing Rate algorithm, stress detector from app interactions, Privacy Preserving AI module and others. We also provide product insights and design and analyze Randomized Controlled Trials, AB Tests and we do causal inference. I do both, hands-on work and manage the team. Tools used include: `Python`, `Spark`, `Pytorch`, `SQL`, `MongoDB`.

Schibsted ● Barcelona ● Spain — February 2018–March 2019
Staff Insight Analyst ● Schibsted is an international media group that is one of the world's leading online classified ads businesses. I worked with Messaging Team helping them with integrating Machine Learning/Deep Learning products, setting up experiments and providing analysis. I also designed, developed and helped putting in production NLP models. Tools used include: `Spark`, `Scala`, `Python`, `Amazon Redshift`, `SQL`, `Tableau`.

SCRM/Lidl ● Barcelona ● Spain — February 2017–February 2018
Senior Data Scientist and Team Lead ● I worked as Data Scientist Team Lead in Lidl Plus project, a project that changescustomer service and the way people do shopping in the chain of more than 10,000 Lidl supermarkets across Europe. I led a team that was setting up hypothesis-driven decision-making environment, creating recommender systems and forecasting demand. Tools used include: `Python`, `Hive`, `R`.

King (Activision/Blizzard) ● Barcelona ● Spain — September 2015–February 2017
Data Scientist ● King is a successful mobile game company, that has more than 300 million unique players every month. I participated in developing and improving Bubble Witch 2 and 3 games. My role was to perform analysis of complex scenarios, design experiments (that includes *AB Tests*), balance *Quest's, Liveops' and levels'* rewards and tune their difficulties, create predictive models and develop analysis strategies. Tools used include: `Python`, `R`, `Hive`, `SQL`.

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. Tools used include: `R`

Soluciones de Gestión y Apoyo a Empresas S.L ● Zaragoza ● Spain — Aug 2013–Dec 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 in Dynamical Systems and Ergodic Theory: 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 — Jan–Jun 2009, Feb–May 2007, Sep-Dec 2003
Visiting Professor ● Research on Dynamical Systems, taught undergraduate courses, for example, *Probability Models*

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

⌨ **Programming** Python, Scala, R, Spark, Hive, SQL, C, Ruby, JavaScript, LaTeX, Emacs
x² **Mathematics & Statistics**
💬 **Languages** fluent: English, Spanish • native: Polish • basic: Russian

Universitat de Barcelona – IL3 • Barcelona • Spain   Jan 2019 – present
Creator and Teacher of Online Course in Advanced Analytics
Universitat Politècnica de Catalunya • Barcelona • Spain   Jul 2017 – present
Visiting Lecturer • Teaching courses on Deep Learning and Big Data for Master in Statistics and Operations Research (MESIO) UPC-UB.
KSchool • Barcelona • Spain   Jan 2019 – present
Teaching Spark and Machine Learning courses for Master in Data Science
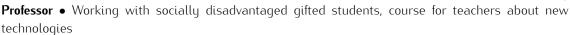*Freelance* • Barcelona • Spain   April–September 2015
Independent Data Scientist/Software Developer • Collaboration on various projects that include: proposal of recommender systems for a online shop in Poland, proposals of pricing modeling.
Clacktion • Barcelona • Spain   January–April 2015
SEM Technologist • Creating AdWords Campaigns. Developing software for automated control and reports in `Python` (`Django`).
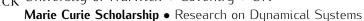*DeLTA UCN* • Antofagasta • Chile   2010-2013
Professor • Working with socially disadvantaged gifted students, course for teachers about new technologies
Université Lille 1 • Lille • France   September–November 2010
Visiting Professor • research on Dynamical Systems
University of Warwick • Coventry • UK   April–July 2003
Marie Curie Scholarship • Research on Dynamical Systems
Fac. of Mathematics and Physics, University of Białystok • Białystok • Poland 1998–2000
Assistant Professor • taught graduate and undergraduate courses

Ph.D. in Dynamical Systems (Mathematics) Warsaw University of Technology • Warsaw • Poland   2000–2005
M.Sc. in Mathematics Education University of Bialystok • Białystok • Poland   1997–1999
Coursera/edX/Udacity/...   2012–present
Deep Reinforcement Learning Nanograde, Deep Learning Nanograde, Data Science Specialization, Functional Programming in Scala, Machine Learning, Statistical Learning, DB Introduction to Databases, Software as a Service, Programming Languages, Computational Finance and Financial Econometrics ...

📘 Co-author of the **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, Poland, Bolivia

🚗 **Co-organizer** of meetup Grup d'estudi de machine learning de Barcelona
📈 **Co-organizer** of meetup RugBcn, Barcelona R users group