A Barcelona • Spain ■ bartekskorulski@gmail.com □ +34-626803060

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



Alpha • Barcelona • Spain

March 2019–present Senior Data Scientist, Al 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 detection from app interactions, Privacy Preserving AI module and other. 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 decisionmaking 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 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, LTFX.



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.

UNT 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, LTFX, Emacs
- x^2 **Mathematics & Statistics**
- **Q** Languages fluent: English, Spanish native: Polish basic: Russian



*Universitat de Barcelona – IL*₃ • 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

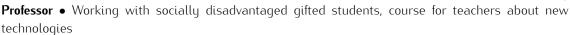
April-September 2015



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



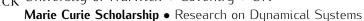


Université Lille 1 • Lille • France

September-November 2010

Visiting Professor • research on Dynamical Systems WARWICK University of Warwick • Coventry • UK

April-July 2003





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 Białystok • 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
- Active participation in international research grants financed by European Union, Chile or
- 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