BARTŁOMIEJ MARIUSZ SKORULSKI ● **CURRICULUM VITAE**

🏠 Barcelona ● Spain
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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, LaTeX
x² **Mathematics & Physics** Dynamical Systems, Probability & Statistics, Numerical Methods, Complex Analysis...

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. Next I will transform 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 *Soluçoes* (**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**)

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/... *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

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

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** form USA, France, Poland, Chile

📅 **Member of Organising Committee** of international and national conferences in USA, Chile, Bolivia

🎵 **Hobbies** music, playing guitar/ukulele/timple, Bridge, cine, hiking, travel
⚙ **Member** of DLABS (Zaragoza Hackerspace) and Zaragoza Ruby Jam Session   2014
📅 **Helping organize** PyConEs 2014 Zaragoza   November 2014