

Peter Laurinec

DATA SCIENTIST · MACHINE LEARNING ENGINEER/RESEARCHER

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Highlights

- **Passionate Data Analyst/Scientist/Researcher willing to learn a lot and apply new ideas**
- **Master of clustering:** advanced skills in time series analysis, dimensionality reduction, regression analysis and forecasting
- Researcher: **published over 10 internationally recognized research papers**
- Good communication and presentation skills: **presented my work at international conferences** in San Francisco, Barcelona, Skopje, Budapest, etc.
- Background in statistics: **strong mathematical thinking**

Education

Faculty of Informatics and Information Technologies, Slovak University of Technology

Bratislava, Slovakia

PHD. IN INTELLIGENT INFORMATION SYSTEMS

Sep. 2014 - Jul. 2018

- Wrote 13 research articles with international recognition. Some of them are [available online](#).
- Active presentations at the international conferences in San Francisco, Barcelona, Skopje, Prague and Poprad
- Got the STU Grant of Young Researchers two times in 2016 and 2017
- PhD thesis on [Improving forecasting accuracy through the influence of time series representations and clustering](#)

Faculty of Mathematics, Physics and Informatics, Comenius University

Bratislava, Slovakia

MGR. IN PROBABILITY AND MATHEMATICAL STATISTICS

Sep. 2012 - Jun. 2014

- Master thesis on model-based cluster analysis solved by genetic algorithm

Faculty of Mathematics, Physics and Informatics, Comenius University

Bratislava, Slovakia

BC. IN INSURANCE MATHEMATICS

Sep. 2009 - Jun. 2012

- Bachelor thesis on Latin squares and their usage in design of experiments

R's community

- **Blogging:** about **time series data mining in R**. Blog posts mainly about **forecasting** and time series representations. Contributing to aggregators as [R-bloggers](#) and [R Weekly](#).
- **Package:** I created R package for time series representations computing called **TSrepr**. It allows more accurate and effective time series data mining. It is written in R and C++ (50/50).
- **Active participation** at **eRum 2018** (European R users meeting) conference. Talk about [“Using time series representations”](#).
- **Active participation** at **SatRday Belgrade 2018** conference. Talk about [“Time Series Data Mining - from PhD to Startup”](#).

Skills

Programming Languages R/Rstudio (Expert), C/C++ (Intermediate), \LaTeX (Advanced)

Languages Slovak, English, Czech, Hungarian

Sports Running, ultra-trail, yoga, fishing

Driving license Type B

Experience

PowerEX j.s.a.

Bratislava, Slovakia

CDO - CHIEF DATA OFFICER

Sep. 2018 - PRESENT

- Building ML/AI forecasting models, cluster analysis, interactive visualizations, statistical reporting tools (shiny framework)

FIIT STU, Bratislava

Bratislava, Slovakia

TEACHER ASSISTANT

Sep. 2014 - Aug. 2018

- **Teaching** procedural programming (**C**), artificial intelligence (**AI**) and knowledge discovery from databases (**KDD**)
- **Supervised** 6 bachelor's theses, 4 master's thesis and helped to supervise 2 master's theses

Atos IT solutions, Bratislava

Bratislava, Slovakia

CONSULTANT

May 2015 - Sep. 2015

- Worked on project that dealt with electrical energy consumption and smart grid