Sergii Kavun

Contact

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Location: Kharkiv, Ukraine

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Academic CV: https://bit.ly/2TFFhEi

Languages

Ukrainian – Native   Russian – Native
English – B2   German – A1

Tech skills

- Python: Numpy, Pytorch, Pandas, Scipy, Scikit-learn, TensorFlow, Systemml
- R: ggplot2, dplyr, tidyverse, fuzzyR, neuralnet
- Supervised and Unsupervised Machine learning algorithms, XGBoost
- Regression & statistical analysis
- AWS, VMWare, Git, Apache Spark, SQL, Redmine, SDLC, ETL, Markdown
- Tableau, Excel
- Assembler, Basic, Pascal, Delphi, PL/1, HTML

Soft skills

- Strong decision maker
- Project management
- Complex problem solver
- Confident in handling new tasks
- Attentive to detail, self-motivated
- Ability to communicate, motivate, inspire, lead, direct, guide in an

Professor, Ph.D., Habilitation Degree (Dr. Sc.)

Objectives: Data Science (Big Data), Research Lab: Lead, Head, Senior

Experience

IT area: from 1993   **Security**: from 2000   **Teaching**: from 1995
Data Science – from 2000   **Management**: from 1996
Programming – from 1993

- **R&D projects** (11, Project Manager in 2): invention of new math methods&approaches, connecting different scientific areas, creating new models, simulation, applying known methods to new problems.
- **1995-2020:** full stack of University's positions.
- **IT companies:**
  - IT Step (2018-2020): rector position, development planning, decision making, PKI assessment, teaching, creating& management new projects, hardest problem solving, communications with Ministries, company presenting, student's&employee's motivation.
  - CodeIT LLC (2020): corporate stream learning, scientific consultations, development of corporate learning system and strategies, improvement of performance review system & skill's matrix, development of scientific & research center.
- **Public performance** (more than 20 in English, since 2012, chair conference): security, big&scientific data, statistical analysis, modelling, artificial intelligence, ICT.
- **Prepared courses** – more than 30 (full stack): Operating Systems, Networks, Cybersecurity, Mathematics, Big Data, Neural Networks, etc.
- **Visiting professorship**: 9th foreign Universities with lessons set.
- **Publications**: more than 350 (3 patents; 42 monographs; 26 textbooks; 127 manuscripts; 85 conference publications).

Education

1990 – **Master of Science** in Mathematical maintenance, Diploma Magna Cum Laude
2005 – **Ph.D. degree** in Computer Science and Engineering
2014 – **Habilitation Degree (Dr. Sc.)** in Economics (Math)
2016 – **Master of Science** in Financial and Economic Security Management, Diploma Summa Cum Laude

Certifications

- Fundamentals of Scalable Data Science (IBM)
- Advanced Machine Learning and Signal Processing (IBM)
- The Data Scientist's Toolbox (Johns Hopkins University)
- R Programming (Johns Hopkins University)
- Getting and Cleaning Data (Johns Hopkins University)
- Exploratory Data Analysis (Johns Hopkins University)
- Neural networks and computer vision (Stepic)
- Supervised Learning in R: Classification& Regression (DataCamp)
- Unsupervised Learning in R (DataCamp)
- Machine Learning in the Tidyverse (DataCamp)
- Management of Information Security ISO 17799:2005 (ISO 27002)
- Management of Enterprise Activity (British Council)