

Yard Group IT Team members Experience in ML & BIG DATA PROJECTS

- Gimme food – application for people with restrictive diets
- Moving furniture – application for detection, classification and determination of furniture volume when moving
- Martech platform– platform for marketing agencies. The use of algorithms helps marketing agents to anticipate ROI of a certain company and determine channels and the budget amount for campaign implementation.
- Clustering of postal data
- Predicting the volume of transport (people, containers, vehicles, etc.)
- Delivery vehicle route optimization
- Patient clustering and assistance in diagnosing diseases
- Analysis of DNA samples (mutations, matches, etc.)
- A system for recommending to advertisers which channels to use (Facebook, Instagram, Google) and which ROI they can expect
- TGV – software for creating player trajectories during a football match. Software was developed for the needs of the Chicago-based company STATS.
- DSTV– OTT streaming platform for distribution for TV and radio signals over the Internet.
- Assist – software for tracking players during a football match. The software was developed for the Nice-based company Sport Universal Processing.
- HR Tool – software for employee’s career monitoring, intended for HR department.
- GLIIF – software for creating and decoding new QR code.

Projects in the design phase with the created technical destination:

- MTS Smart supervision - security enhancement system
- Smart rickshaw – Project in partnership with Bit Gear & Odo Ride companies
- Smart system of ventilation - Design and implementation – Itekako 2018
- Comprehensive data Clustering software Swiss Telecommunication - Project in adjustment.

Our ML Core Team :

- Natasa Milosavljević - professor at the Faculty of Agriculture in Belgrade and associate at the Mathematical Institute of SANU
- Blagoje Ivanovic - assistant at the Faculty of Natural Sciences and Mathematics in Belgrade
- Kristina Kostic - assistant at the Faculty of Natural Sciences and Mathematics in Belgrade
- Igor Scekcic Senior c# .NET, C++ Java Programmer
- Dusan Bobicic C# C Intermediate Programmer
- Ivan Ignjatovic PHP Java Web Development
- Svetislav Simic Team Lead - Programmer with more than 10 years of experience

EXPERTISE

1. Creating web applications
2. Web scraping
3. Computer Vision (object detection in images and video, etc...)
4. Natural Language Processing (Word2Vec, Doc2Vec, SpaCy, nltk...)
5. Designing and training of neural networks (FeedForward, Convolutional, Recurrent...)
6. Use of various Machine Learning algorithms (Linear/Logistic Regression, Random Forest, SVM, Bootstrap Aggregating, EM algorithm...)
7. Mathematical optimization (Genetic algorithms, Particle Swarm, Local search, Variable Neighbourhood Search and other metaheuristic algorithms)
8. Statistical data analysis and forecasting