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Mykhailo Sokolov, Chief Technology Officer

A data scientist, NLP expert and a CTO. Successfully implemented dozens of large projects, including projects for the companies like Karius DX and achieved promising results in QA systems. He runs his own data science R&D company and coordinates several companies in the development and delivery of AI software and solutions for IT, Marketing, Publishing and other industries.

Education

Doctor of Philosophy, International Research and Training Center for Information Technologies and Systems (IRTC). Field: Intelligent Information Technologies, Kyiv

2012 — Present

- Self-organizing systems
- Cognitive architecture based on multi-agent self-organizing system
- [Final field exams passed](#)

Master's degree, Igor Sikorsky Kyiv Polytechnic Institute. Institute for applied system analysis. Field: Intelligent decision support systems, Kyiv

September 2008 — June 2011

- System Analysis, Systems and Methods of Decision-Making
- Decision-Making Systems for Macroeconomic Processes and Business

Master's degree, Igor Sikorsky Kyiv Polytechnic Institute, Chemical Engineering. Field: Systems of automated design, Kyiv

September 2005 — June 2011

- Computer engineering, Chemical, polymer and silicate engineering
- Engineering, Computer Modelling and Design of Polymer, Building Materials and Products Manufacturing Equipment

Employment History

Co-founder / CTO / CRO at Dex Technologies, Kyiv

August 2017 — Present

I assembled my own research team, which continuously searches for new technological advances in the NLP field, tests and introduces them into practice. As a result, our clients get projects developed using state-of-the-art technologies. 30+ projects in 5 years. One of our projects was endorsed by Norman Winarsky (Siri co-founder).

Senior Software Engineer (Freelancer) at Upwork, Worldwide

December 2015 — June 2017

100% success rate. Implemented more than 10 projects during 2 years. Collaborated with decision makers to collect system requirements. Implemented projects, like data aggregation pipelines, social media monitoring apps, text mining and analysis apps, search engines, etc.

Senior Software Engineer at Mobiloud, London

January 2014 — November 2015

Managed to organize the development process for the company using TDD, Scrum and Continuous Integration. Managed to organize clear and proper code structure, documentation and optimize support.

Software Engineer at Chernovetskyi Investment Group, Kyiv

December 2011 — January 2014

I developed a text advertisement automation system and components for the classifieds engine. The project was acquired by a large corporation and my work was shifted to a new direction as a freelancer.

Links

[Dex Technologies](#)

[Upwork profile](#)

[CIG Digital](#)

[Mobiloud](#)

[Karius DX](#)

Skills

Python

Fast Learner

Data Analysis

Communication Skills

Project Management

Leadership

PyTorch

Tensorflow

REST APIs

Large-scale language models

Linux/Unix

Innovation Management

Natural language processing

Machine Learning

Entrepreneurship

Complex Problem Solving

References

Sergiy Nikolaev, Kyiv Polytechnic Institute, sergiynicolaev@gmail.com

Sivan Bercovici, KariusDX, bercovici@kariusdx.com

Jens Jakob Andersen, RunRepeat, jens@runrepeat.com

Juno Lee, TalisAI, jlee@talisai.com

Thomas Normann-Ekegren, Maneno, thomas@maneno.dk