Vladislav **Punko**

Software Engineer • Data Science Engineer

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PROFESSIONAL SUMMARY

Enthusiastic, conscientious, and determined person with strong analytical skills, able to solve problems and work hard paying great attention to small objects. Well-experienced in team working skills having a great wish to use them to implement effective and original solutions to atypical tasks. Ready to search for new data analytics challenges to improve my knowledge and be developed as a specialist.

EDUCATION

Belarusian State University of Informatics and Radioelectronics
Computer Systems and Networks | June 2021 | Minsk, Belarus
Master's degree in Computer Science

Belarusian State University of Informatics and Radioelectronics
Computer Systems and Networks | June 2019 | Minsk, Belarus
Bachelor's degree in Computer Science

EXPERIENCE

Celadon Development | Data Science Engineer
March 2019 — April 2020 | Minsk, Belarus

- Created a framework to improve the development of high-performance recommendation systems based on a collaborative filtering approach.
- Worked updating and maintaining a code module from the lead scoring system to work with a new database structure.

Synesis | Software Engineer
December 2016 – March 2019 | Minsk, Belarus

- Worked in a team designed and developed a distributed management system for a real-time computer vision platform.
- Created an anomaly detection system to use for automatic detecting rare items, events, and observations in monitoring system database.
- Worked improving and updating an outdated project code to increase the performance, flexibility, and functionality of the application.

RESEARCH AND PUBLICATIONS

Morphological images recognition | Assistant and Researcher
January 2018 – Present | Minsk, Belarus
A sense of this research was to provide a new approach for specific cancer identification. Both modern pattern recognition and image segmentation methods with a new model quality control algorithm imply better future treatment prediction.

- U. V. Punko, N. A. Volorova, and V. S. Prikhodko. "Reed-Sternberg Cell Recognition in Hodgkin's Lymphoma". In: *Pattern Recognition and Image Analysis*. 30(1), pp. 27 – 33 (2020)
- D. V. Filatova, C. El-Nouty and U. V. Punko. "High-Throughput Deep Learning Algorithm for Diagnosis and Defects Classification of Waterproofing Membranes". In: *International Journal for Computational Civil and Structural Engineering*. 16(2), pp. 26 – 38 (2020)

LANGUAGES

- **Russian:** Native
- **English:** A2 → B1 (improving)
- **Polish:** A0 → A1 (improving)
- **Belarusian:** B2

SKILLS

Operating Systems:
GNU/Linux - MacOS - Windows

Programming Languages:
Bash - C - Python - R - SQL - Latex

Frameworks:
TF/Keras - Theano - PyTorch - Spark

Storages and Databases:
PostgreSQL - Redis - SQLite

Programming Tools:
Git - Fabric - Docker - Vagrant - Make

Programming Packages:
PyData Ecosystem - OpenCV - etc.

QUALITIES

- Communicative
- Easy educated
- Open-minded
- Organized
- Team experienced
- Thinking outside the box
- Time management

INTERESTS

- Listening to music
- Programming
- Reading (books related to work)
- Researching
- Watching movies