Summer School on Data Science in Software Engineering

National Research Tomsk Polytechnic University

Degree or qualification is awarded: **Certificate of participation**

Language of study: **English**
Mode of study: **distance learning**
Duration: **5 days**
Availability of free education: **yes**
Price: **free of charge**

Programme webpage at the university website: https://itr-tpu.timepad.ru/event/1629835/

Programme curator: **Anna Bogdan**
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The Laboratory of Software Testing at Tomsk Polytechnic University, Tomsk, Russia invites you to take part in the online Summer School on Data Science in Software Engineering.

Students, young researchers and practitioners interested in applications of modern data science methods to development and testing of complex software systems are particularly encouraged to take part in this virtual event **FOR FREE OF CHARGE**.

Join the School and you will learn more about application of data science methods and tools during the software development process, testing and quality assurance of AI based systems.

Those who will attend more than 80% of lectures will receive certificates of participation.
Registration: https://itr-tpu.timepad.ru/event/1629835/#register until July 10, 2021.
Dates: July 12-16, 2021.

Program:

Evgenii Tsymbalov, Huawei Moscow Research Center, Senior Algorithm Engineer
Artificial neural networks: applications and challenges

Iosif Itkin, Exactpro Systems Ltd, CEO
Overview of Software Testing for AI Based Systems

Andrey Novikov, Syndata.io, Managing Partner
Natural Language Processing and Clustering of System Warnings in High Volume Log Mining

Elena Treshcheva, IEEE Autonomous Driving AI Test Challenge, Publicity Chair
Automated Ambiguity Detection in Software Specifications

Rostislav Yavorskiy, TPU School of Computer Science and Robotics, Director
Designing Hybrid Teams of Virtual Assistants, Robots, and Humans

Daniel Kornev, DeepPavlov, Chief Product Officer
How to Create Multiskill AI Assistants and Enable Strategic Dialog Management with DeepPavlov

Mohamed Elsayed Ahmed Mohamed, Professor, Tomsk Polytechnic University; Zagazig University

Advanced Optimization Technique for Scheduling IoT Tasks in Cloud-Fog Computing Environments

Specializations within this programme