CV

Aleksandr Mirlenko
13/09/1994

Automation Project Engineer, EUOPC, Kaliningrad, Russia
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From April, 2020, I am passionately exploring **Data Analysis, ML & DL**.
Now, 8 months later, I am looking for opportunities to apply gained
knowledge and skills in **Industry Digitalization** field.

Qualifications:
- Python and data-specific frameworks (numpy, pandas, scikit-learn, xgboost, scipy, matplotlib)
- Machine Learning theory and practice (Linear models, Classification algorithms, Unsupervised L.)
- Deep Learning (PyTorch, TensorFlow, Keras)
- Programming skills (800xA, SQL, C, MATLAB)

Data Analysis and Machine Learning trainings (Coursera, EDX) (link to projects: github.com/Mirlenko)

April 2020 - present	- ML & Data Analysis Specialization (6 courses by Yandex & MIPT) - Machine Learning (Stanford University) - SQL for Data Analysis (IBM) - Deep Learning (MIPT – Moscow Institute of Physics and Technology)

Project experience in EUOPC

October 2019 – April 2019 Cruise Ship VMS (NB125 Global 1)	Responsible for **Vessel Management System Control Modules** programming; Function Description composing; HMI screens design (commissioning phase postponed due to COVID-19)
March 2019 – June 2019 Data Center in Modiin, Israel	Responsible for **HMI screens design and development** from PID diagrams and customer documentation; dynamic objects creation

Previous Work Experience

October 2017 – December 2018 Automation Project Engineer 'System-Service' company, Saint Petersburg, Russia	**Control systems development for gas compressing units** (GCU) built on Siemens and Orion controllers; SCADA systems design (WinCC, TIA Portal, Easy Builder); **startup & commissioning experience** at the boosting compressor station at Zapolyarnaya gas condensate field
January 2017 – August 2017 Master`s Thesis Position School of Energy Systems, LUT, Lappeenranta, Finland	**Design of electrically excited synchronous motor control system** in MATLAB Simulink. The research results are presented in the master`s thesis 'Control of EESM in the Field Weakening Range'

Education

2016-2017	Master`s Degree, **Lappeenranta University of Technology (LUT)**, Faculty of Electrical Engineering, Lappeenranta, Finland, Control Systems
2015-2017	Master`s Degree, **Saint Petersburg Electrotechnical University 'LETI'**, Faculty of Electrical Engineering, Saint Petersburg, Russia, Control Systems

Languages: Russian (native), English (C2), Finnish (A2)
Soft Skills: Excellent communication and presentation skills, proactive and creative mindset