ONLINE INTERNSHIPS at URFU 2021

Dear Colleagues and Students!

This year we are following the changes of the world and have prepared **2 Online International Internships** for the students of **Engineering Specialities** in cooperation with the leading industries of the Ural region.
The academic team consists of the most outstanding professors, winners of diverse scientific awards, having high scientific ratings.

All the **detailed information** is on our **webpage** .

Dates: April - August 2021
Duration: 2-3 months
ECTS: 8
Price: 700$ USD
Application Deadline: 01 March 2021

MACHINE LEARNING IN POWER INDUSTRY - 2-3 months

This Internship contains the description of **the best practices of AI & ML integration in up-to-date fuel and energy sectors**. The major part of the course is **industry-oriented practical training**, which provides necessary **knowledge and skills in the sphere of data analysis and machine learning** to manage **real story problems of the industry**.

ROBOTICS IN POWER INDUSTRY - 3 months

This internship is devoted to the **development and analysis of cyber-physical robotic systems application for diagnosing the technical condition of power plants' high-voltage electric equipment** and the **development of an automated system for recognizing equipment faults based on machine learning algorithms**.

PREREQUISITES:

Bachelor or Master Degree in the field of Computer Science, Power Engineering or Electronics, CV, PC.

AT THE END OF THE INTERNSHIP:

- ☑ The most outstanding participants will **publish the project results** in **peer-reviewed scientific transactions** with the leading university professors
- ☑ **Letter of recommendation** from the Industrial partner
- ☑ **Certificate** from UrFU
- ☑ **Unique experience** of international cooperation

Internship
20ONLINE21
April - August
2-3 months
8 ECTS
700$

2 tracks
- **Machine Learning in Power Industry**
  - **Robotics in Power Industry**

Video from the Internship 2ONLINE20

🌐 **Practical Approach**
📐 **Team Work and Case Solving**
👥 **Supervision by UrFU Professors**
📊 **Real Industry Tasks**
⚙️ **Published Results**

APPLY