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City of residence

Milan

Citizenship

Malta, Russia

Software Skills

Programming languages

Python, R

Packages

pandas, sklearn, keras, plotly, folium

Tools & other

SQL, AWS, Spark (databricks), Web
Scraping, NLP, CUDA, Django, HTML,
Autodesk Fusion 360, Adobe Photoshop

Courses & Certificates

[Python for Data Science, AI &
Development \(IBM at Coursera\)](#)

[Machine Learning with Python \(IBM at
Coursera\)](#)

[Data Visualization with Python \(IBM at
Coursera\)](#)

[Data Analysis with Python \(IBM at
Coursera\)](#)

[Databases and SQL for Data Science
with Python \(IBM at Coursera\)](#)

[Data Science Methodology \(IBM at
Coursera\)](#)

[Tools for Data Science \(IBM at Coursera\)](#)

[R Programming \(Johns Hopkins
University at Coursera\)](#)

[Getting and Cleaning Data \(Johns
Hopkins University at Coursera\)](#)

[The Data Scientist's Toolbox \(Johns
Hopkins University at Coursera\)](#)

[Mathematics and Python for Data
Analysis \(MIPT at Coursera\)](#)

Ilia Notin

Education

09.2008 - 06.2014 **Master (specialist) Degree at Bauman Moscow State Technical University**

Moscow, Russia

Studied Nanotechnologies in Electronics. Graduated with honors.
Received a scholarship from the government.

09.2017 - 03.2021 **PhD at Bauman Moscow State Technical University**

Moscow, Russia

PhD in Mechanical Engineering Technologies and Materials Science.

08.2019 - 08.2021 **Master Degree at The University of Denver**

Denver, CO, USA

Master's in Data Science.

Experience

08.2014 - 11.2015 **Technical Specialist at Ostec-EC Ltd.**

Moscow, Russia

Main functions:

- Technical consultation of new and existing customers in microelectronics technology
- Technical assistance to sales team in terms of providing an appropriate technological solution for a given product

Achievements:

- Developed a tool for sales team based on Visual Basic that automated quotation preparation which increased efficiency by 3-4 times. The developed logic was subsequently used when updating existing ERP system.
- Lead a new branch of products and created a marketing program for its development

11.2015 - 11.2017 **Head of CNC department at PolimerDesign Ltd.**

Moscow, Russia

Main functions:

- Planning of CNC department
- Operational magement of CNC department and its scaling
- Development and enhancement of CNC operations

Achievements:

- Developed a structure of CNC department
- Developed a tooling system allowing processing multiple types of products with minimal downtime
- Developed an educational system allowing growing up CNC workers from employees without previous experience

Languages

English	★★★★☆
Italian	★★★★☆
Russian	★★★★★
German	★★☆☆☆

Personal qualities

Curious, creative, goal-oriented, open-minded

Hobbies and interests

Chess, Drums, Design, Aviation
(aerodynamics), History

11.2017 -
03.2021

Technical Consultant (CTO) at PolimerDesign Ltd.

📍 Moscow, Russia

Main functions:

- Development and enhancement of technological processes for existing and new products
- Development of operating procedures for efficient interaction between business units
- Participation in HR processes (hiring employees, development of motivational policies)

Achievements:

- Increased production output by around 20% by automatization of processes and optimization working areas based on elements of Toyota Production System
- Decreased the manufacturing costs by 15% by optimization of material composition and automatization
- Adaptation of scientific approach to material development process which increased its efficiency and allowed traceability of experiments
- Started and lead a new branch of metalworking which allowed faster satisfaction of internal demands of spare parts and provided a possibility of working with external customers
- Implemented computer vision system for production registration on conveyor belt

12.2020 -
05.2021

Assistant at Bauman Moscow State Technical University

📍 Moscow, Russia

Main functions:

- Consultancy of students preparing bachelor's thesis
- Support of educational processes of the department