



✉ notin13@gmail.com

☎ [+39 331 4968117](tel:+393314968117)

✉ [ilianotin](#)

🌐 [notin](#)

🌐 [notin](#)

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 & Cerificates

[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 \(MITP at Coursera\)](#)

Languages

Inglese ★★★★★

Italiano ★★★★★

Russo ★★★★★

Tedesco ★★☆☆☆

Hobbies

[Chess](#), [Drums](#), [Design](#)

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

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

11.2017 - 03.2020 **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