

# Korbukh Dmitrii

Male, 27. | Phone: ----- | e-mail: ----- | Address: -----

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## Career Profile

Process Engineer with 2 years of experience on a MOSFET and bipolar transistors and diodes production line. Worked on E-beam evaporation unit: from weighing metal granules to solving problems with Titan masks.

Launched Ion implantation process on new equipment, adapted 16 different recipes from old one, educated to perfectly setup ion beam for time-energy efficiency.

Organized Atomic Layer Deposition (ALD) process. Provided ALD to academical needs and experimental batches production. Examined with SEM my ALD results.

Well trained user of a Scanning electron microscope (FIB-SEM systems). Assisted in development experimental products. Provided SEM analysis and participated in solving technical problem.

Familiar with the process of lithography and template preparation.

### Skills:

Do tables in Excel. Also, can manage simple stuff in AutoCAD programs, reading blueprints is no problem.

### Soft Skills:

Self-education. Always care for the discipline and work hygiene. Communicative.

### Languages:

Russian – Native

English – Intermediate

Hebrew – Entry

## Employment history

### Process Engineer at NPP Pulsar, Moscow – MOSFET production line

Aug 2020 - Mar 2022

- Worked on different equipment.
- Worked to implement new technological steps in the process
- Solved technological problems.
- Assisted technological expertise with SEM, solved problems.

## Education

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**Master in  
Electrical  
Engineering**  
2017 - 2019

**National University of Science and Technology "MISIS"  
(Moscow Institute of Steel and Alloys)**

Nanotechnology and Micro-system technology

Solid state physics, Metal-carbon Nanocomposites, Physics & Engineering of Magnetic Nanomaterials, Micro- and Nanosystems

**Bachelor in  
Electrical  
Engineering**  
2013 - 2017

**Irkutsk National Research Technical University**

Nanotechnology and Micro-system technology