

## Summary

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As a proficient scientist, I possess a strong analytical mindset and additionally broad experience in high-tech. I readily absorb new knowledge and can solve complex problems through innovative solutions. Moreover, I place high value on user experience.

## Work Experience

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### LoyaltyPlant – is an all-in-one digital platform for global quick service restaurants

Product Analyst

4 months | June 2024 – Sep 2024

- B2B data reports, data verification

### Deeplay.io – AI-driven animators for card games

ETL Data Engineer

1 year | July 2023 – June 2024

- **Apache Airflow (ETL)**: raw **python** and **pandas** data processing: APIs, MySQL, **Google Sheets**, **ClickHouse**
- Maintain documentation, mentorships

### ITMO University & Alferov University

Leading universities in the field of nanophotonics and semiconductors.

Research engineer | Data acquisition & Data Analyst

5.5 years | May 2017 – Dec 2022

- Collection, refinement, and **analysis of experimental data, hypnotize verification**
- Assembling optical setups and direct involvement in execution of optical experiments
- Performing **analysis** and **automation** of experimental data processing using **Python (Pandas)** and **data visualization** employing **Matplotlib** and **Seaborn** for presentations in publications and conferences
- Enhancing equipment capabilities through the use of microcontrollers (**C++**, **LabView**)
- Conducting market and technological research
- Secured 5 research grants (application, managing, teamwork, reporting)

### NT-SPb – a scientific equipment manufacturer, spin-off of the global giant NT-MDT.

Engineer

4 years | May 2018 – Sep 2022

- Engaging in **R&D** and **customizing equipment** to meet client specifications
- Performing **on-site** and **remote** equipment **installations**, support
- Conducting software and hardware **testing**

## Skills set

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Python (Pandas, NumPy, ...) SQL, BASH, LabView, Orange Data Mining, Airflow, ETL, Matplotlib, Data Lens, Looker Studio, Redash, GIT, Jira, YouTrack, Linux, Docker  
English, Russian (Native)

## Education

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2022	<u>Ph.D. in Physics</u>	Cond-matter physics	St. Petersburg ITMO University
2011 - 2017	M.Sc. & B.Sc.	Electronics and nanoelectronics	St. Petersburg Polytechnic University