

# ANDRONIKOVA DARIA

DATA SCIENTIST

Ph.D. in Physics

🌐 <https://andronikova.github.io/projects>  
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## EXPERIENCE

### Junior Scientist

#### loffe Institute

📅 Apr 2016 – Jun 2020

📍 St.Petersburg, Russia

- Studied phase transitions in ferroelectric and antiferroelectric materials using X-ray scattering techniques (inelastic X-ray scattering, diffuse scattering, diffraction).

### Engineer

#### Peter the Great St.Petersburg Polytechnic University

📅 Sep 2012 – Dec 2015

📍 St.Petersburg, Russia

- Studied phase transitions in single crystals and epitaxial thin films of functional dielectrics using SuperNova X-ray diffractometer.

## SELECTED PERSONAL PROJECTS

### Web app RebalanceMe

Web application for followers of the passive investment philosophy. It helps maintain constant ratio between asset classes by keeping track on shares/bonds prices and regularly sending email-report with suggestions for rebalancing.

Python Flask PostgreSQL Heroku HTML JavaScript

🔗 <https://rebalanceme.herokuapp.com/>

### Web app EasyBreezy

Web application for easily distributing your monthly income among all your personal needs. It will keep track of your savings and help you save for the purchase of your dreams.

Python Flask PostgreSQL Heroku HTML JavaScript

Adobe Illustrator

🔗 <https://easybreezy.herokuapp.com/>

### Compositions of Ludwig van Beethoven

Tableau dashboard analysing compositions of Ludwig van Beethoven. In addition to visualization, the project included data collection from several websites and data cleaning.

Tableau Python Jupyter Notebook

🔗 <https://public.tableau.com/app/profile/andronikova/viz/Compositions-ofLudwigvanBeethoven/Dashboard1>

## SKILLS

Exploratory data analysis Statistics  
Data visualisation Web development

Hard-working Independence  
Accuracy Presentation skills  
Active learner

## TOOLS

### Programming

Python Jupyter Notebook SQL

### Web development

Flask HTML JavaScript

### Data visualisation

Tableau Seaborn Adobe Illustrator

## EDUCATION

### PhD in condensed matter Physics

#### loffe Institute, Russia

📅 2014 – 2019

### Master's Degree with honours

#### Peter the Great St.Petersburg Polytechnic University, Russia

📅 2012 – 2014

### Bachelor's Degree

#### Peter the Great St.Petersburg Polytechnic University, Russia

📅 2008 – 2012

## LANGUAGES

Russian  
English  
German



## CONTACTS

📍 Neufahrn bei Freising, Germany

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