ARTEM LEBEDEV

MS in Data Science
PhD in Life Science

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github.com/ArtemChemist

Google Scholar

DATA SCIENCE

- TensorFlow · Keras · Scikit-learn
CNN · XGBoost · LightGBM
- R · tydyverse · logistic regression · glm
Anova · bootstrap · hypothesis testing
- Image processing · YOLOv8 · OpenCV
Spark · Hadoop

DEV AND DEVOPS

Python · SQL · Postgres · MongoDB
Linux · Amazon EC2 · GCloud
Flask · Gunicorn · NGNX · FastAPI
VB.NET · WinForms
Git CLI · Conda CLI· LaTeX

LIFE SCIENCE

Oncology · Hypoxia · Inflammation
Molecular Imaging · Pharmacology
Small animals · Cell cultures
Wet chemistry · Radiolabeling
Clinical Trials · Method validation
Clinical production · GMP · QC

PROJECTS

2021 – 2023 — **Detection of bacterial colonies in Petri Dishes** — **Feasibility study for LabLogic Inc.**
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```
OpenCV  /  Efficient Net  /  YOLOv8
```

2023 – present — **Sales analysis and forecasting** — **McMaster Nuclear Reactor**
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```
Flask  /  SQL  /  Time series  /  PostGreSQL
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2013 – 2019 — **Optical spectra analysis for Quality Control System** — **Trace-Ability, Inc.**
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```
Signal processing  /  C
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2012 – 2013 — **UI and hardware drivers for Automated radiochemistry module** — **UCLA**
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```
Signal processing  /  WinForms  /  Async Programming
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2012 – 2013 — **Sensor signal processing for automated chemistry modules** — **Siemens Healthcare**
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```
Signal processing  /  C
```

EDUCATION

2021 – 2024 — **Master in Data Science** — **University of California Berkeley**
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2002 – 2005 — **PhD in Chemistry** — **Moscow State University**
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EXPERIENCE

2017 – 3/2018 — **Front-end developer** — **Big Corporation Name Inc.**
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```
node.js  /  Vue.js  /  Electron
```

2015 – 2018 part time — **Full stack developer** — **Famous Eshop Inc.**
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```
PHP  /  JS  /  MariaDB  /  Linux
```

| 2013 – 2014 | **Junior PHP Developer** | example.com |
| part time | | |

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`PHP  /  Laravel`

LANGUAGES

English - fluent idiomatic American English
Russian - native

HOBBIES

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NON PROFIT

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