

Dmytro Shendryk

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LinkedIn <https://www.linkedin.com/in/dmytro-shendryk/>

GitHub <https://github.com/dmitryshendryk>

Nationality: Ukrainian

Website <https://dmitryshendryk.github.io/>

Kaggle <https://www.kaggle.com/maverix>

Age: 31

Experience

Senior Machine Learning Engineer

Apple

Madrid, Spain
11/2022 - Present

- Siri Voice Technologies

Senior Data Scientist

Ciklum

Malaga, Spain
04/2021 - 11/2022

- Develop recommendation systems for e-commerce platform. Responsible for data collection, model development and deploy to AWS. Tech stack is LightFM, NLP, LightGBM, Python
- Improved precision p@5 from 3 % to 11 % using second level models, ensemble for recommendation systems, that due to helped improve income on 5 %.
- Created production pipeline to run on AWS training and inference using ECS, Fargate, Lambda Functions.

Lead Senior Software Engineer

EPAM Systems

China, Beijing
11/2019 - 04/2021

- Develop ETL pipeline for predictive analytics, regression models optimization, metrics evaluation choose which model better.
- Project goal to predict amount of product customers will buy in fixed period of time. Was responsible for Data Engineering Team and integration with retailers data platform.
- Increase up to 40% performance of data processing speed using Dask.
- Migration of pipeline from Jenkins to AWS instance using Lambda Function, Fargate, Docker. Provided option to run phases of pipeline in parallel in isolated container.
- Responsible for team management of three people, daily sync with customers, sprint planning.

Research Scientist

Siemens

China, Beijing
08/2016 - 10/2019

- Work in the area of the Smart Cities and Industry 4.0 solutions related to the perception topic. Responsible for the neural network models implementation, performance optimization, deploying on Nvidia TX2 .
- Implemented approach to create digital 3D models using depth cameras and phones, used SFM, Data Fusion, Lidars, PCA. Using approach of 3D reconstruction reduced the cost and time of factory construction by 10%. Before all 3D models done manually.
- Created a model for license plate detection and characters extraction, achieved 82% accuracy onsite.

- Lead team of 5 people, do risk management and sprints planning.

Software Engineer

Goyoo

China, Beijing

02/2015 - 07/2016

- NodeJS Software Developer in the area of the Distributed Systems, Big Data, NoSQL. Responsible for the backend implementation and micro services.
- Increased the ads performance by 10% and income from customers by 5%
- Implementation of the monitoring systems of the Wifi devices used for the ads injections.

Software Engineer

Telesense

Ukraine, Kharkiv

10/2011 - 06/2013

- Software Developer in the middle size company. Worked with German customer to deliver a Smart House app to manage consumption of the gas, water and electricity.
- Responsible for Java backend development of web portal and access data sensors through socket.

Education

2013 - 2016

Master Degree in Computer Science and Applications

Being University, China

2008 - 2013

Bachelor Degree in Computer Integrated Technologies

Kharkiv National AeroSpace University, Ukraine

Skills

Languages

Python
Typescript
C++
JavaScript
Java

Software

MySQL	Spark	Pytorch	OpenCV
MongoDB	Hadoop	Sklearn	Nginx
PostgreSQL	Hive	LightGBM	Nvidia TX2
Docker	Glue	xgboost	Cuda
ELK	Lambda F.	Airflow	
Kafka	Fargate	Git	

Certificates & Awards

06/2013 **CSC China scholarship 2013 in Beihang University**

08/2018 **Hackathon Siemens Winner**

Languages

Ukrainian - Native, **Russian** - Native, **English** - Proficient, **Chinese** - Intermediate, **Spanish** - Beginner