Artem Poltavskiy

M.Sc. fellow. Data scientist/Backend developer with 2+ years of experience.

My expertise lies in building AI pipelines for images, text recognition using advanced deep learning frameworks, and creating quality API for backend development. Strong math and CS academic background allow me to solve complex tasks.

EXPERIENCE

BroutonLab, Rostov-on-Don — *Data Scientist / Backend developer*

Apr 2019 – Present

Projects/Achievements:

- Backend python development of meetyogi.com
- Vehicle analysis system
- Meals labels prediction
- Research & backend development of salesvision.ai
- Medical masks recognition
- Voice generation by example

CvisionLab, Rostov-on-Don — *Computer Vision intern*

Oct 2018 – Jan 2019

Projects/Achievements:

- Excel course materials and notes for Stanford class CS231n
- Solve classical computer vision tasks on QT/C++
- Deploy algorithm for Carvana Image Masking competition

PAPERS

Automatic license-plate recognition

Poltavskiy, A.V., Yurushkina, T.G. and Yurushkin, M.V., 2020. Vestnik of Don State Technical University, 20(1).

poltavskypro@gmail.com
github.com/poltavski

SKILLS

Fields: Computer Vision, Deep Learning, Backend development, Visualization & Prototyping tools

Programming Languages: *Python*, JavaScript (React), SQL (PostgreSQL, Firebird, MongoDB), C++, C, bash, TEX

ML/DL Frameworks: *Tensorflow, PyTorch, TensorFlow Lite, Keras*

ML/DL Libraries: Cython, spaCy, catboost, NumPy, Pandas, scikit-learn, OpenCV, Pillow

Backend frameworks: FastAPI, Flask

GUI/Web Frameworks: Qt & PyQt, Dash, React

Deployment: AWS cloud services, Docker, github actions

Other: Git, Postman

EDUCATION

Southern Federal University, Rostov-on-Don, Russia
M.Sc. fellow

Sep 2020 – Present

Master's program: "Development of mobile applications and computer games"

Southern Federal University, Rostov-on-Don, Russia
B.Sc. in Applied Mathematics and Computer Science

Sep 2016 – Jun 2020

SELECTED PROJECTS

Backend development for meetyogi.com, *BroutonLab,*

Jul 2020 - Present

Development of a backend for a project related to the analysis of product comments. The main tools were: Python, Postgres, Peewee, FastAPI, AWS

LANGUAGES

English (**C1**)
Russian (**native**)

ACHIEVEMENTS

SfeduNet, Sfedu Business Station, 2020

Best MVP Award, Leading developer of the team solving Skyeng's NLP case

47 Hours Hackathon, 2019

Winner of the Center-Invest Bank nomination developing an NLP solution, Leading developer