

Curriculum vitae

Personal data

Name: Davit K.

Technical Knowledge and Skills

Python, Machine Learning, PyTorch



Davit is an experienced Machine Learning Engineer with a demonstrated history of working in the computer software industry. Skilled in Python, PHP, Back-End Web Development, Deep Learning, and Machine Learning. Strong engineering professional with a Bachelor's degree focused in Computer Science from Tbilisi State University.

Education

Work experience

July 2020 -
January 2021

Media Production Company, Remote
Web Developer

Skills:

- PHP,
- Laravel,
- Symfony

Responsibilities:

- Developed ad management system.
- Added features to existing online games website.
- Add pages which previous developer left unfinished
- Speed up existing pages using code and query optimizations
- Develop push notifications worker



August 2019 -
Present

IT Services and IT Consulting Company, Remote
Machine Learning Engineer

Skills::

- Python,
- PyTorch,
- Scikit-learn,
- Flask,
- FastAPI,
- gRPC

Responsibilities:

- Developed modules for detecting the location of the document, detecting the type of document and document spoofing detection (Python, PyTorch)
- Developed and integrated modules for face detection, face recognition, face liveness detection and face pose estimation. (Python, PyTorch)

September 2018 -
Present

Computer Software Development Company, Georgia
Deep Learning Engineer

Skills:

- Python,
- Tensorflow,
- Keras,
- PyTorch

Responsibilities:

- Developed bin picking application to pick objects from box and put them on production line in particular order.
- Taking part in developing Deep Learning modules for KYC product called Identomat.
- Developed modules such as Face Similarity and Document Reader (OCR).

August 2017 -
September 2018

Computer Software Development, Georgia
Web Developer, Deep Learning Engineer

Skills:

- Python,

- Tensorflow,
- Keras,
- PHP,
- Laravel,
- Bootstrap,
- MySQL,
- NodeJS,
- Seneca,
- ExpressJS,
- MongoDB,
- TypeScript,
- Angular

Responsibilities:

- Developed management system for pharmaceutical distribution company, from scratch.
- Added features to existing API developed using micro-service architecture.
- Added features to existing Angular application.
- Developed a system to count the number of houses in satellite images using deep learning image segmentation techniques.
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