Batya Koltun

Personal

Phone
0523808234

Email
Batya.koltun@gmail.com

LinkedIn
linkedin.com/in/batya-koltun

Skills

>Self-learner
>Team player
>Creative
>Thorough
Deep Learning
Machine Learning
Computer Vision
Python
Pycharm
Tensorflow
Pandas
Numpy
OpenCV
SQL
GIT

Education

2020 Primrose Bootcamp
Machine /Deep Learning

2011 John Bryce
System Data Analysis

2002-2005 Ben-Gurion University
MSc, Electro-Optical Engineering

Jerusalem College
Bachelor, Computer Science & Mathematics

Professional Experience

Jul- Oct 2022 Deep Learning Teaching Assistant
DSP-IP Video compression streaming and computer vision development
Tutoring students with algorithms implementation
Full hands-on: Colab, Python, Keras, TensorFlow
Pandas, Numpy, Matplotlib

2021-2022 Deep Learning Teaching Assistant
Primrose Deep Learning Academy
Tutoring students with algorithms implementation
- Preprocessing, Training, Validation, Testing, Optimization
- Full hands-on: PyCharm, Python, Keras, TensorFlow, Pytorch
  Scikit-Learn, Pandas, Numpy, Matplotlib

2012-2020 SW Developer
Department of English Ben-Gurion University
Developing & Supporting Internal Web System
- C#, SQL, JavaScript, CSS, XML
- Providing guidance for the system users

2006-2008 SW Developer
STARLims
Developing Laboratory Information System based on Web
- ASP.NET/C#, JavaScript, JSON, SQL Server

2002-2005 Hyperspectral Image Processing Researcher
The Earth and Planetary Image Lab Ben-Gurion University
Master Thesis: Refining segmentation on Remote Sense Images
(ENVI IDL, Matlab)
Advisers: Prof. S.R. Rotman, VP BGU, Chairman of Israel Space Agency, prof. D.G. Blumberg Preprocessing Data - PCA
- Implementation of Segmentation based on Histogram
- Segmentation Compression by Hierarchical Clustering
- Developing metrics for testing similarity of clusters
  1. Variance based criteria
  2. Average stability value