

MAEDEH NAROUEI

OBJECTIVE

A software enthusiast, experienced in python development for image processing, artificial neural networks, machine learning, data wrangling, data cleaning, and web development. I am looking for a progressive and friendly working environment.

EXPERIENCE

Python Developer, FREELANCE

Aug '21 - Present

I am currently working on a project of data mining and machine learning to extract the data needed for marketing deployed as a commercial product.

Python Developer, FREELANCE

Sep '21 – Feb '22

Worked on a project that encompasses time-series analysis for forecasting and neural network model building using Tensorflow, Keras, Pandas, NumPy, and other relevant python libraries.

EDUCATION

M.SC IN TELECOMMUNICATION SYSTEM ENGINEERING

SEP '17 - SEP '21

University of Sistan and Balouchestan

B.SC IN ELECTRONIC ENGINEERING

SEP '12 - SEP '16

University of Sistan and Balouchestan

HIGH SCHOOL DIPLOMA

SEP '09 - JUN '12

Farzanegan (Sampad) High School, Zahedan, IRAN

THESIS

Improving the YOLOv3 model for better accuracy and performance regarding small objects detection problems. YOLOv3 uses network architecture inspired by a feature pyramid network and has several design changes over previous versions to tackle the challenges of low accuracy in small object detection. The subject enhancements are accomplished by preparing new images taken in challenging situations and consequently building an augmented database for small object detection. Additionally, model hyper-parameters are adjusted in such a way to gain more accuracy and performance.

SKILLS & ABILITIES

- Python Core
- Anaconda
- Data Structures and Algorithms
- Python Libraries and Frameworks: Tensorflow, PyTorch, OpenCV, Keras, NumPy, Pandas, Django
- Data Wrangling
- Data Cleaning
- RDBMS: PostgreSQL
- DevOps: Git, Docker
- OS: Linux
- IDE: Jupyter-Notebook, Spyder, PyCharm
- Prominent Software Best Practices and Patterns
- Reverse Engineering
- Analytic and critical thinking

ADDITIONAL INFORMATIONA

- Languages: English: Proficient, Balochi: Native, Farsi: Native
 - Interests: Problem solving and communicating, Language learning, Taking long walks, Hiking, Meditation
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