

Hassan Askary

Islamabad • hassan.askary@outlook.com • hassanaskary.com

Education

Pakistan Institute of Engineering & Applied Sciences Islamabad 2017 – 2021
Bachelor of Science in Computer & Information Sciences

Final Year Project: "Identity Based Face Synthesis"

Experience

Pakistan Institute of Engineering & Applied Sciences Islamabad Oct 09 – Nov 26, 2020
Teaching Assistant

- Planned workshop titled "Applied DL for CV with PyTorch" for the "Machine Vision" course
- Taught two sessions of the four part workshop
- Lessons and videos: <https://github.com/cvlpieas/ADLCVP>

Techlets Pvt. Ltd. Islamabad Jun 24 – Aug 02, 2019
Data Science Intern

- Developed model that retrieved geolocation information from textual data
- Built datasets to train Natural Language Processing algorithms
- Worked with Python, MongoDB, scikit-learn, pandas, NLTK, & spaCy

Pakistan Institute of Engineering & Applied Sciences Islamabad Jul 01 – Nov 01, 2018
Web Developer

- Designed & developed websites for International Pakistan Research Summit 2018
- Deployed on web servers running on LAMP stack
- Worked with HTML, CSS, JQuery, & Bootstrap

Skills

Languages: Python, JavaScript, HTML, CSS

Frameworks & Libraries: PyTorch, Numpy, Matplotlib, scikit-learn, OpenCV

Tools: Git, \LaTeX

Operating Systems: Linux

Environments: Vim, VS Code

Projects

Semantic Appearance Manipulator <https://github.com/hassanaskary/sam>

- Image manipulation program using Mask R-CNN
- Replaces detected objects in image with another image
- Developed using PyTorch, Numpy, Matplotlib, and Pillow

Courses

Pakistan Institute of Engineering & Applied Sciences Islamabad Jul 02 – Jul 13, 2018
Introduction to Data Science with Python