

# Hassan Askary

Islamabad • hassan.askary@outlook.com • [hassanaskary.com](https://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, Tensorflow, Keras, Numpy, Matplotlib, scikit-learn, OpenCV

**Tools:** Git,  $\text{\LaTeX}$

**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*

**Course Contents:** Python programming, Intro to Data Science, Data Visualization using Python, Pattern Recognition fundamentals, Intro to Machine Learning & Deep Learning, Intro to Large Scale Data Management

## Awards

**Cash Prize Award** Nov 01, 2019  
*Pakistan Institute of Engineering and Applied Sciences Islamabad*

Awarded annually to the top 3 students in the class.