

# Hassan Askary

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## Education

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

Final Year Project: "Identity Based Face Synthesis"

## Experience

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**Pakistan Institute of Engineering & Applied Sciences** Islamabad Oct 09, 2020 – Present  
*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 2, 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 1 – Nov 1, 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

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**Languages:** Python, JavaScript, HTML, CSS

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

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

**Operating Systems:** Linux

**Environments:** Vim, VS Code

## Projects

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**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

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**Pakistan Institute of Engineering & Applied Sciences** Islamabad Jul 2 – Jul 13, 2018  
*Introduction to Data Science with Python*