




Ahmed Cheikh Sidiya

 WV 26505
 cheikhsidiyahmed@gmail.com
 (304) 276-4824

Experience

Graduate Research Assistant, West Virginia University.
morgantown, WV
Aug. 2018 – Present

Research interests includes generative models, low level vision problems, 3d data processing.

Research Intern - Image and Video Algorithms, Kuaishou Technology. Palo Alto, California
May. 2021 – Dec. 2021

- Working on Real World Face Images Restoration through degradation learning and generative prior incorporation using transformer based layers.
- Two patents were submitted based on my work.
- An under review paper.

Education

West Virginia University, Morgantown, West Virginia
Ph.D., computer science, Dec. 2022

West Virginia University, morgantown, West Virginia
Master of Science, computer science, Dec. 2017

Links

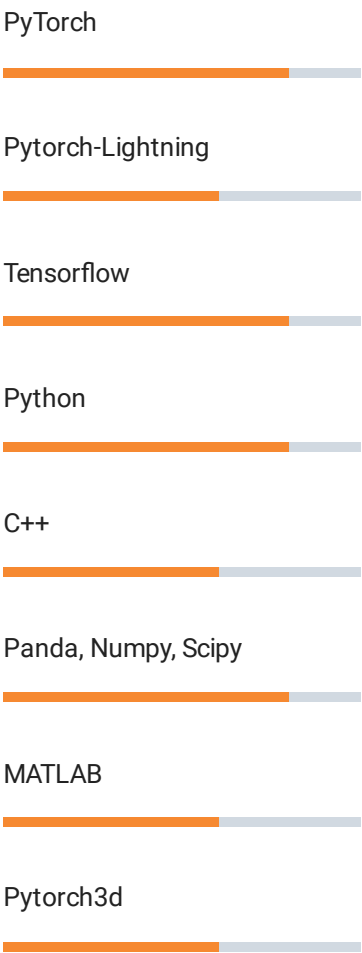
- <https://github.com/a7med12345>
- <https://www.youtube.com/watch?v=RfpDrfXejPc>

More Information

Experience:

- Graduate Research Assistant at WVU (2016-2017)

Skills



- Network Engineer at Audio-Video Authority (Nouakchott, Mauritania, 2013-2015)
- Optical Network Engineer at Huawei (Rabat, Morocco, 2012-2012)

Projects:

- *Face Image Restoration through generative prior incorporation using skip-transformer layer.*
- *Face Image Degradation estimation by training coupled generators networks.*
- *Extreme Super-Resolution through latent space interpolation.*
- *Solving Low Level vision tasks using CycleGan networks and self-attention layers.*
- *3D point cloud registration using iterative closest point algorithm coupled with outliers rejection method.*
- *Pedestrian detection by generating disparity map from 3d sensor data.*
- *Flower Segmentation using Mask-RCNN network*
- *Skin Lesion Segmentation*

Education:

- *Udacity Data-science NanoDegree (First Term, 2017)*
- *Udacity Mentor (2018)*
- *Engineering Degree in telecommunications from INPT (Rabat/Morocco; 2012)*

Interests:

- *Reading (Philosophy, History)*
- *Sports: Swimming, Basketball, Ping Pong*
- *Travelling*

Languages:

- *Proficient in 3 languages: Arabic, English and French.*