

Akshay Kumar Arasavalli

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Summary

Just another Self Motivated, Always Curious, and Always Learning Guy who loves to Invent and Innovate stuff

I have an extensive Research and Development experience in Deep Learning, Computer Vision/Image Processing Projects. Converting R&D work to production level work. Love to experiment

Experience

DataScientist

Jotter.Ai • Hyderabad, Telangana

07/2018 - 06/2020

- **Apparel extraction from raw DSLR image:** AI segmentation network to extract apparels from Mannequin draped apparel images.
- **High resolution human & human hair segmentation network:** Human segmentation on high resolution images is a challenging Computer Vision task. Problem statement was solved using automated annotation and designing pipeline for training and tuning. Achieved production grade accuracy.
- **Geometric Transformation Network:** Developed AI model for transforming Mannequin draped apparel images onto humans to build a Apparel virtual try-on engine.

Backend Developer

Pyxis One • Bangalore, Karnataka

06/2020 - Present

- **Ads-Pipeline(A Digital Marketing Product):** - It's a central service used by multiple products in the company to publish huge batch of ads to multiple Ads network platform
 - **Targeting AI:** - Its gives recommendation and help to solve cold-start problem for new customer who don't have any prior knowledge on Digital Marketing
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Skills

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|--------------------|-----------------|-------------------|
| • Python | • Deep Learning | • Computer Vision |
| • Machine Learning | • Pytorch | • TensorFlow |
| • Flask | • Django | • Rest APIs |
| • Git | • Docker | • AWS |
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Education

ComputerScience & Engineering

Rajiv Gandhi University of Knowledge Technologies • Nuzvid, Andhra Pradesh

05/2018

CGPA: 8.2 / 10

Languages

- English
- Telugu