

AI Research Scientist @ ModiFace

ModiFace is a leading provider of augmented reality solutions for the beauty industry. Our “try before you buy” technology enables highly realistic augmented overlay of make-up in images and live video. We already have strong products enabling real-time try-on of makeup, skin products, and hair color. Our R&D goal is to continue development of facial feature tracking, facial analysis, and information extraction from facial images.

AI plays an important role in achieving our goals. If you have a strong background in machine learning and computer vision, have strong programming background, and would like to apply your skills to creating new state of the art beauty applications, with access to some of the largest facial data sets in the world – join our team.

Responsibilities:

- Research and develop new algorithms to support facial image processing applications, including: face detection, facial feature tracking / segmentation, hair segmentation, skin segmentation / analysis
- Read research papers and adapt existing algorithms for real-time applications on mobile devices and web
- Communicate the results of your research, providing a clear analytic and qualitative analysis
- Describe your research in presentations, scientific papers, algorithm documents, and patents

Requirements:

- MS/PhD in Computer Science, Electrical Engineering, or related field
- 3 years relevant work experience (including academic experience)
- Strong background in machine learning and some background in image processing / computer vision
- Proficient in Python and C++, and optionally Matlab
- Proficient in ML and deep learning libraries (Keras/Caffe/Tensorflow/Torch, scikit-learn, DLib)
- Proficient in some computer vision or image processing library (e.g., OpenCV)
- Excellent verbal and written communication skills
- Passionate about hands-on research

Nice to have:

- Strong background in computer vision
- Background in facial feature alignment and face detection
- Background in semantic segmentation and matting
- Familiarity with GANs and other generative methods

If you are interested in applying, please send a cover letter and CV to hr@modiface.com.