Structured 3D Features for Reconstructing Relightable and Animatable Avatars

Enric Corona, Mihai Zanfir, Thiemo Alldieck Eduard Gabriel Bazavan, Andrei Zanfir, Cristian Sminchisescu





Poster #45

https://enriccorona.github.io/s3f



Input image

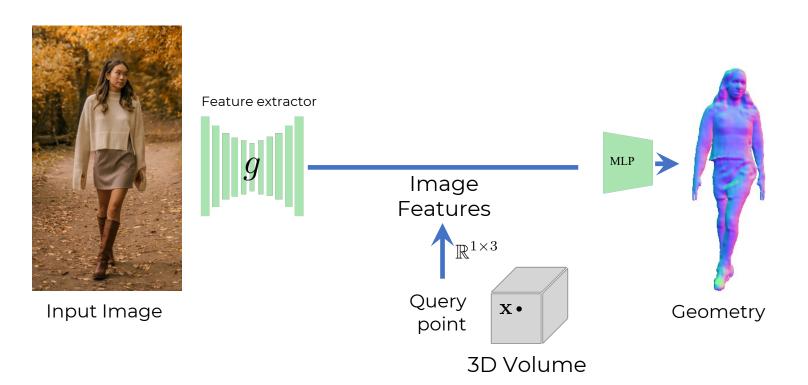
Geometry

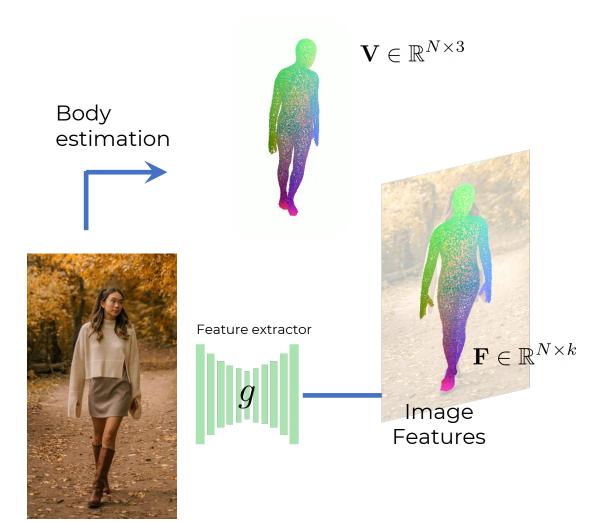
Albedo

Shading

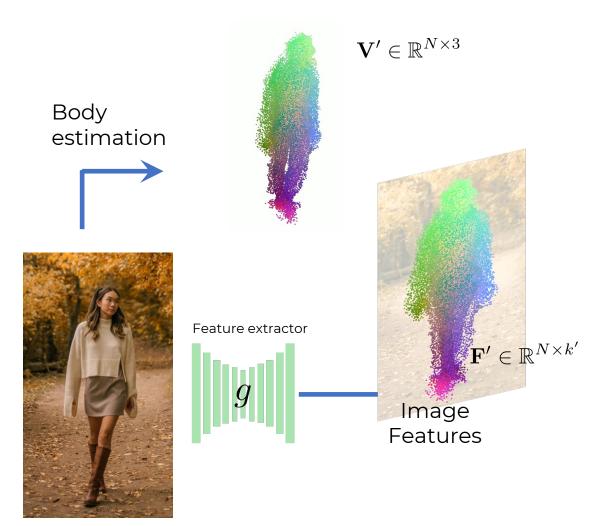


State-of-the-Art in 3D Human Reconstruction

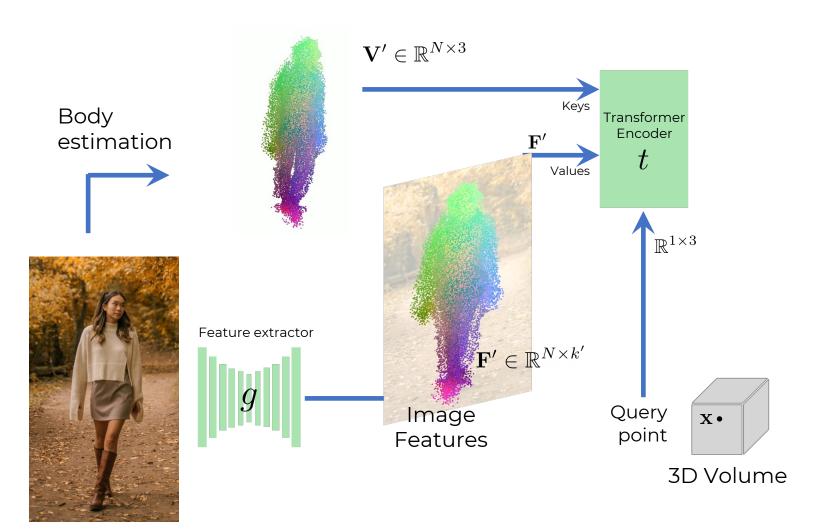




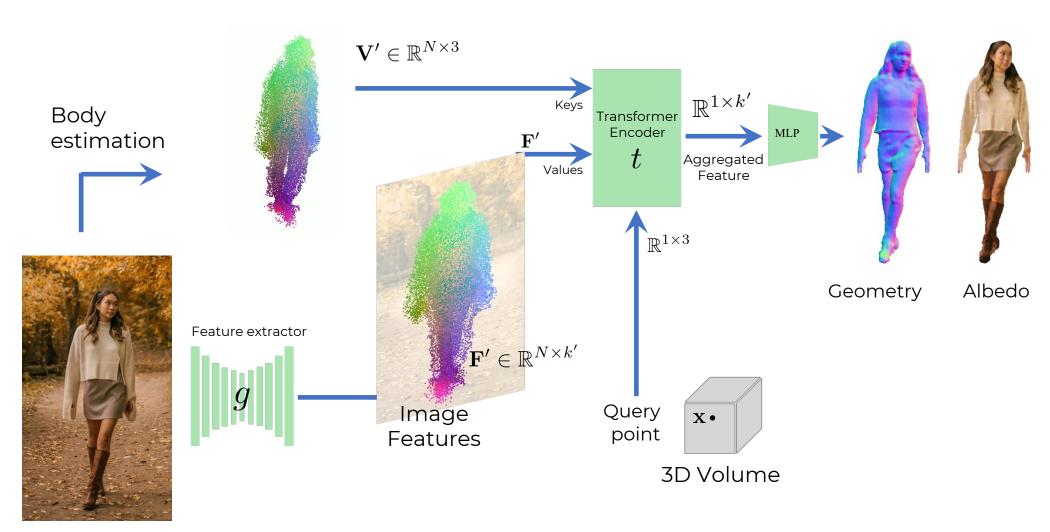
Input Image



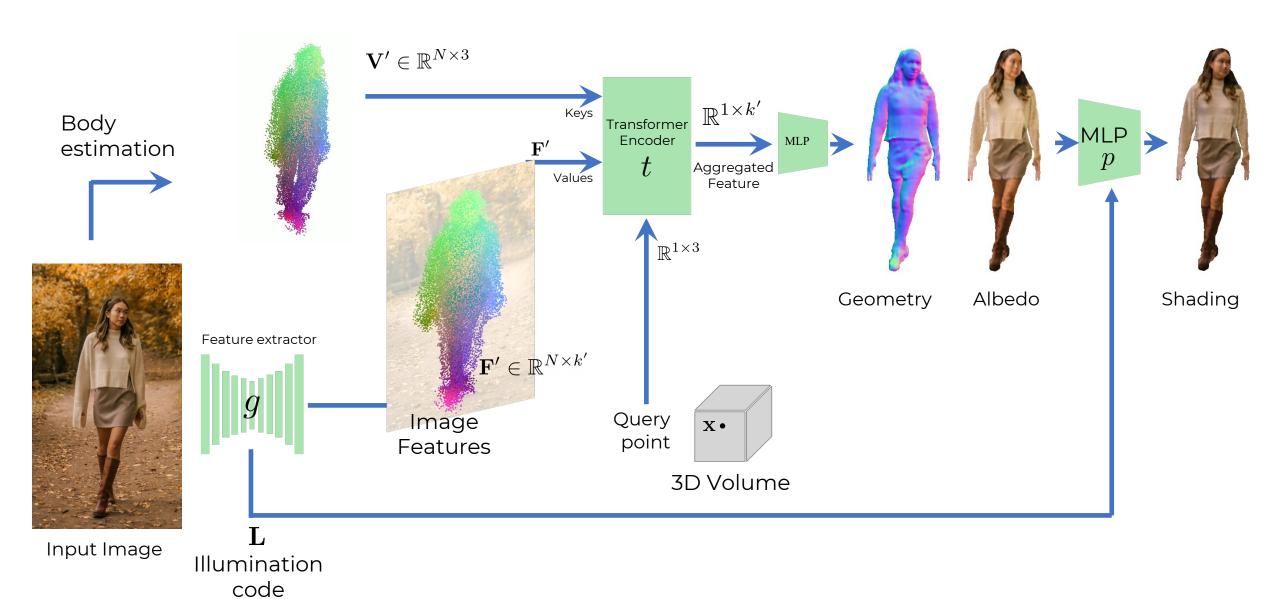
Input Image



Input Image



Input Image



Results: 3D Human Reconstruction

S3F (OURS)



S3F (OURS)



Applications

Relighting



Re-posing





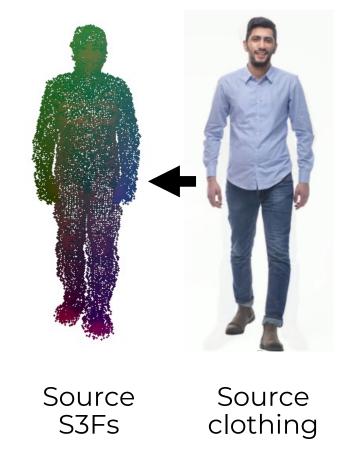
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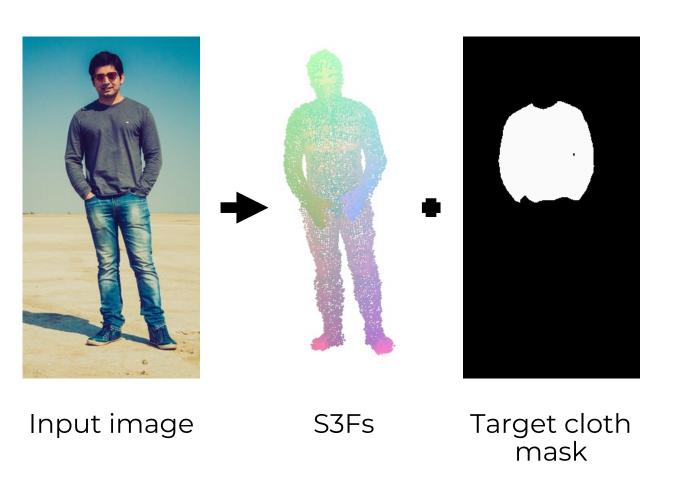


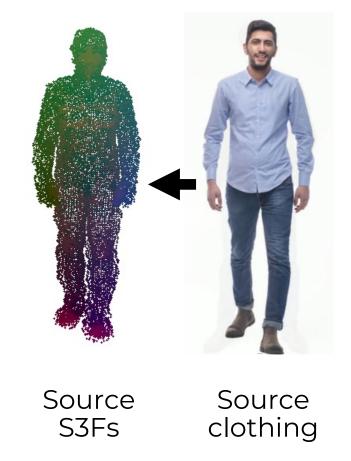
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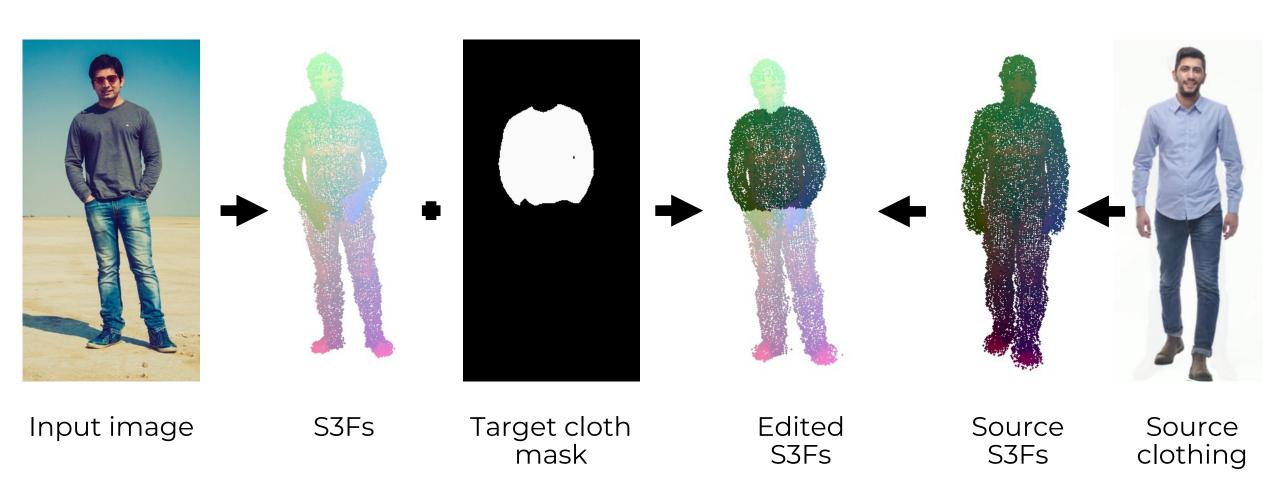
S3Fs















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