

Facial Registration with Deep Learning

Short description:

Development of a Facial Registration Algorithm with Deep Learning for Medical Augmented Reality.

Goal:

This interdisciplinary research project between computer science and medicine targets the development of a comprehensive image-guided tool for head and neck surgery. During this thesis a facial registration algorithm for Augmented Reality should be developed. The project is carried out in cooperation with the Division of Oral and Cranio-Maxillofacial Surgery at the Medical University of Graz.

Keywords: Face, Registration, Deep Learning, Augmented Reality, Navigation

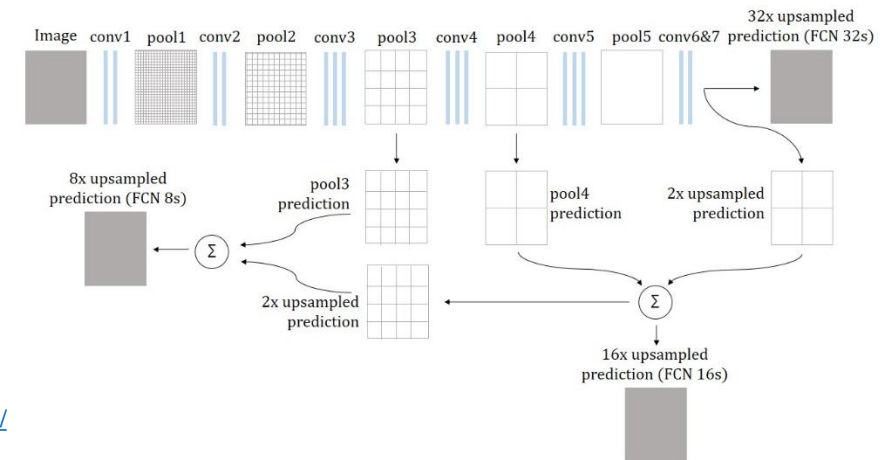
Note: Biomedical Engineering Students are welcome!

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More information about the overall project can be found at <https://www.tugraz.at/institute/icg/research/team-schmalstieg/research-projects/enfaced/>



Der Wissenschaftsfonds.

