

# Thesis Topic: Client/Server Platform for Medical Applications



## Short description:

Development/Extension of our Client/Server-based Software Platform for Medical Image Processing and Visualization

## Goal:

Since imaging modalities like computed tomography (CT) and magnetic resonance imaging (MRI) are widely used in diagnostics, clinical studies and treatment planning, automatic algorithms for image analysis have become an invaluable tool in medicine. The aim of this student **seminar/project/thesis** is to extend/contribute to our existing framework with new medical applications and workflows. This could be an automatic detection or reconstruction of pathologies in medical datasets.

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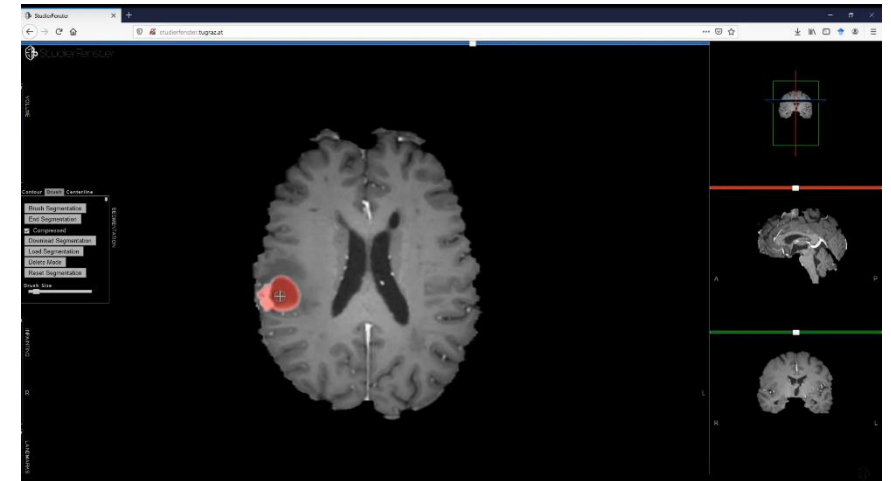
**Note:** Payment possible

**Keywords:** Client/Server, Computer-Aided Design, Image Processing, Deep Learning, AR, VR, Python

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