Looking to apply and expand your knowledge in **data science and Machine Learning** in a **real-world scenario**? Ready to make a real impact on patients? We are offering a

**Master’s Thesis**

**Title:** Development of a deep learning based lipreading system for patients with speech impairment

In recent years, there has been a quantum leap in the performance of visual speech recognition systems, thanks to the advances in deep learning techniques. In this Master’s thesis, you will evaluate different approaches (e.g. LSTMs; fully convolutional models; a recently proposed transformer model) towards their performance on predicting speech from visual information. You will develop a system for gathering training data and apply your models on real patient data, potentially helping patients with speech impairment.

**Contact us now with your CV & transcript!**

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