

Supervisor assessment of Master's Thesis

Student: Marek Jan, Bc.

Title: Reconstruction of Missing Parts of the Face Using Neural Network (id 19346)

Supervisor: Goldmann Tomáš, Ing., DITS FIT BUT

1. Assignment comments

The aim of the thesis was to create a neural network model for the reconstruction of missing parts of the facial image. Since the reconstruction of images is a relatively new discipline in the field of machine learning, I consider the assignment of this diploma thesis to be slightly more difficult. I appreciate that the thesis is based on scientific papers from the last two years. The assignment has been completely fulfilled.

2. Literature usage

Mr. Marek found all the study sources on his own.

3. Assignment activity, consultation, communication

During the year, the student was not very active. As the deadline neared however, his activity and communication gradually increased, and he began to inform me about his progress and intermittent results as well as issues he ran into. I believe that more regular consultations, would have benefited the student and his final work.

4. Assignment finalisation

By the end, the student became very active. While I did receive the final thesis only few days before the final deadline, I had an opportunity to check it prior the submission. Overall, the thesis was very well made and my remarks were aimed mostly at details.

5. Publications, awards

I am not aware of any awards or the student's publishing activities.

6. Total assessment

excellent (A)

The student worked independently and occasionally consulted the important parts of the solution. Since all the parts of the assignment have been completed and the thesis is of high quality, I propose a summary **grade A (excellent)**.

In Brno 18 August 2020

Goldmann Tomáš, Ing.
supervisor