# Neural Network controlled autonomous driving RC-Car

## About

A project agreed upon by students from Munich University of Applied Sciences

to create a neural network controlled autonomous driving RC-Car in effort to

acquire practical experience in machine learning. This introduction will

continously be updated as the ideas of the project become more concrete.

##Requirements

Arduino - Allows the driver to send commands to the car via a serial interface.

Train - Neural network code written in Python to train with backpropagation.

Camera - To take images of the road ahead and pass them on to the neural

network for processing.

## Idea for the vehicle simulation.

