PERSONAL RESUME

N a m e	Diandian Guo		Day of Brith	1998.12.01	
G e n d e r	Male		E d u c a t i o n	Master	
Telephone	1747593897		M a j o r	Elektromobilität	
E - m a i l	925621290@qq.com				
A d d r e s s	Allmandring 3c, 70569 Stuttgart				

EDUCATION BACKGROUND

2016.09-2020.06   **Jilin University**   **Average note:90/100**   **Bachelor**

Major in： Automotive Engineering

2020.11-now Universität Stuttgart   **Average   note:1.6**   **Master**

Major in： Elektromobilität

Programme Experience

2021.11-2022.01   **diabetic retinopathy classification in Deep Learning Laboratory**

1, responsible for building a CNN for the diabetic retinopathy classification

2, responsible for the coding of the heat map part of the model analysis

2022.01-2022.04   **human activity classification**

1, responsible for building a LSTM for the human activity classification

2, responsible for the input pipeline and the model structure.

2022.04-now   **Research Thesis:Correcting the semantic mismatch of unpaired semantic image
        synthesis in autonomous driving datasets**

1, responsible for the discriminator optimization of the GAN(ProjectiveGAN, StyleGAN, EPE......)

2, designed the additional decoder to reconstruct the image with U-net , and reconstruct the image in pixel and
wavelet domain .

3, Cropping method implementation, KVD metric implementation......

2022.08-now   **Full time internship in Bosch: Deep Learning based Lane and Road Edge Detection**

1. Anchor based model optimization:Dataset processing, Weighting method for ego lanes, implementation of the
horizontal line detection part,training result analysis.

2. Anchorless model optimization: Improving the histogram(true positive confidence), result analysis.

SKILLS and Awards

Good Python programming skills.

Awards:Got the top award of scholarship in the bachelor for 3 times,second award for 1 time. Got 1.0 in "Deep
learning"，" Pattern recognition" ...got 1.3 in "Computer Vison" in the master period.

Language Skills

Chinese is my mother tongue.

I can also speak English fluently.

I can speak and read in German, I have also passed the "Deutsch als Fremdsprache" test with note 18.(full score 20)