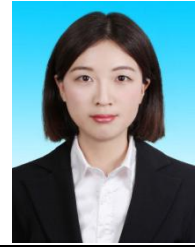


Yanxia HE - CV



Basic Information:

Date of Birth: 02.03.1991
Adresse: Mühlstraße 11, 71229 Leonberg
Nationality: China
E-Mail: yanxia_he@126.com
Tel: +49 (0)15756213316

Practical experience

Personal development project

12/2019 - 01/2020	Remote monitoring with Raspberry Pi 3 Model B+
	Draw facial landmarks
	●

- Track faces automatically by webcam
- Remote control of webcam via computer or cell phone

Link: <https://github.com/Yanxiall/facetrack>

University projects

04/2018 – 01/2019

Technical University of Munich

Master thesis: “Performance evaluation of GANs for faces recognition tasks against image degradation”

- Generate images with GAN (Deep Learning)
- Occlude the images and remove the occlusion
- Evaluate the performance of GANs for faces recognition tasks against image degradation

Student activity

05/2017 - 09/2017

SAIC Motor Co., Ltd., China

Internship

- Set up a lidar sensor(Velodyne, Ibeo) data collection platform based on RTMaps

- Develop and test environment perception algorithm for autonomous vehicles: Segmentation, Clustering, Classification (Machine Learning)

09/2016 - 02/2017

Tongji University

Working student

- Set up a decision - making mechanism of autonomous vehicles for lane change based on Bayesian Network
- Implementation of Sensor Fusion algorithm: Kalman Filter

Education

10/2017 - 02/2019

Technical University of Munich (TUM), Germany

M. Eng. Electrical Engineering and Information Technology
(Double Degree of TUM and Tongji University in Shanghai)

09/2015 - 09/2017

Tongji University, Shanghai, China

M.Eng. Control theory and Control Engineering

09/2011 – 06/2015

Huaqiao University, Xiamen, China

B. Eng. Measurement and Control Technology and Instruments

Engineering skills

Programming skills

- C++, Python, C, MATLAB

development environment

- Eclipse, TASKING, Pycharm, Visual Studio

Frameworks and libraries

- Tensorflow, Opencv, Numpy

Others

- CAN: CANoe, RTMaps, Prescan, DAVE

Weiteres

Language skills

English Written and spoken fluently

German B2

Chinese Native language

voluntary work

12/2019 - now

Work in Oxfam

Hobbys

Travel - Sport

Berufsausbildng

Stuttgart , 31.01.2020

HE Yanxia