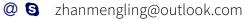
MENGLING ZHAN

1 +33 (0)618448319 (for now)/ +86 15366105983 (from 09.09.2019)



Nanjing University of Science and Technology, JiangSu Province



Participating in the Double Master Degree Program of Nanjing University of Science and Technology and IMT in France from 2017. The first two years of the program takes place in France and the final dissertation will be in NUST, China. I will return back to China at the beginning of September, 2019.

My job orientation: Image processing Engineering, Product manager.



COMPETENCES

Programming C++, Python, Matlab, IDL, Javascript, HTML5, CSS, JQuery, JSON, Node.js

Machine Learning Neural Networks, CNN, TensorFlow **Operation System** Mac OS X, Windows, Linux Ubuntu

Tools Microsoft Office, Latex



EDUCATION

2017-2020 Na	aniing University	of Science and	Technology, China
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Master of Optical engineering (Image processing)

2017-2019 IMT Mines Alès, France

Engineer of Communication and Information Technology

Nanjing University of Science and Technology, China 2013-2017

Bachelor of Optical and Electronic engineering

2015-2016 Karlstad University, Sweden

Exchange student



INTERNSHIP EXPERIENCES

2019.08 Image processing system for the gas leak detection with an infrared remote camera, CNIM, BERTIN TECHNOLOGIES, France

2019.03

- > Transfer the radiometric image processing simulation system from IDL to C++
- > Program for the final part of supervision
- > Add the part the a certain different case in radiometric system
- > Research and simulate for the different situation of gas leakage

IDL C++ Visual Studio 2012 IPP SVN

2018.08

Web design for a feedback system of an NGO, IMT MINES ALÈS, France

2018.05

- > Design and develop a surface for data entering system
- > Create the project level evaluation system
- > Create the server environment and the data base

HTML5 Javascript CSS JSON JQuery Node.js, Ajax

2019.02

Image processing with CNN, IMT MINES ALÈS, France

2019.01

Image identification for the written letters with CNN

- > Understand the principles of CNN
- > Simulation tests with the database MNIST
- > Adjust the parameters in the process to see the changes

Python CNN TensorFlow

2018.04

Real time automatic image capturing system with a drone, IMT MINES ALÈS, France

2018.01

Capture the images with the dual cameras of drone to maintain the straight flight

- > Real time image capturing between the computer and the drone
- > Image processing for the video (Edge detection, Image filtering, etc)
- > Modification for the algorithm to control the flight direction

C++ MakeFile Opencv



LANGUAGES

FLUENT-IELTS 6.5, TOEIC 865 English

FLUENT DALF C1 French

ACTIVITIES

2014-2016 Nanjing TBL Leadership Forum

Volunteer and in charge of the issues for NUST

2014 Nanjing Youth Olympic Games

Volunteer in the Olympic Stadium

2014-2015 Young Volunteers Association in Qianxuesen College in NUST

President, started the longterm cooperation with Nanjing Olympic Museum

Enactus, NUST 2013-2015

Protecting the Nanjing cultural heritage "Baiju"

♣ Self Evaluation

- > like exploring and trying different things
- > team work spirit
- > strong ability of learning and strong responsibility



INTERESTS

- > Travelling and Photography
- > Cooking
- > Intercultural communication



- > CV(chinese version)
- https://github.com/Zhanmengling/myCVLatex
- > LinkedIn
- in https://www.linkedin.com/in/梦灵-展-147124131/