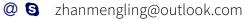
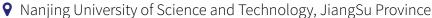
# MENGLING ZHAN

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







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 Engineer, 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	Nanjing 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 Youth 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



### 📜 Links

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