Mengling ZHAN

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📍 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	**Nanjing University of Science and Technology, China**
	Master of Optical engineering (Image processing)
2017-2019	**IMT Mines Alès, France**
	Engineer of Communication and Information Technology
2013-2017	**Nanjing University of Science and Technology, China**
	Bachelor of Optical and Electronic engineering
2015-2016	**Karlstad University, Sweden**
	Exchange student

💼 Internship experiences

2019.08 — 2019.03

Image processing system for the gas leak detection with an infrared remote camera , CNIM,Bertin Technologies, France

> 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 — 2018.05

Web design for a feedback system of an NGO, IMT Mines Alès, France

> 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`

👥 Group projects

2019.02 2019.01	**Image processing with CNN, IMT Mines Alès, France**
	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 2018.01	**Real time automatic image capturing system with a drone , IMT Mines Alès, France**
	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

English	Fluent•IELTS 6.5， TOEIC 865
French	Fluent• DALF C1

🎤 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
2013-2015	**Enactus, NUST**
	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/