

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 took place in France and the final dissertation will be in NUST, China. I returned back to China in September, 2019 to finish my final dissertation.

My job orientation : Image Processing Engineer, Product Manager, Technique Support.

COMPETENCES

Image Processing C++, IDL

Web Design Python, Matlab, Javascript, HTML5, CSS, JQuery, JSON, Node.js

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

2019.03 Project cooperated by ONERA and Bertin Technologies

- Some parts of the projects have been programmed by IDL, in order to simplify the utilization, the transformation of the radiometric image processing simulation system from IDL to C++ is necessary.
- Programming for the final part of supervision, which connects the results of two previous modules and calculates the final result. (detection limit for gas)
- For the different captures in the equipment, different situations or principles should be considered in radiometric system.
- Research and simulate for different situation of gas leakage in order to approach the reality.

2018.08	Web design for a feedback system of an NGO, IMT MINES ALÈS, France
2018.05	<p>Project of MSF (Médecin Sans Frontière), working for the medical service</p> <ul style="list-style-type: none"> ➤ For the existing and finished projects or missions, a surface for data entering system was designed and developed. ➤ Using the algorithm Electre III studied by the team, the project level evaluation system was created and the system can finally give the more correct feedback by studying all the projects entered. ➤ Creating the server environment and the data base.

HTML5 Javascript CSS JSON JQuery Node.js, Ajax

LANGUAGES

Mandarin	NATIVE•
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	Youth Volunteers Association in Qianxuesen College in NUST
	President, started the longterm cooperation with Nanjing Olympic Museum
2013-2015	Enactus, NUST
	Protected the Nanjing cultural heritage "Baiju"

SELF EVALUATION

- Like exploring and trying different things
- Spirit of team-working
- Strong ability of learning and strong responsibility

INTERESTS

- Travelling and Photography
- Cooking
- Intercultural communication