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 return back to China in September, 2019 and the graduation will be in June, 2020.

My job orientation : Image Processing Engineer, Product Manager.

≡ 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

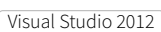|	
2017-2020	**Nanjing University of Science and Technology, China**
	Master of Optical engineering (Image processing)
2017-2019	**IMT Mines Alès, France**
	Engineer of Communication and Information Technology
2013-2017	**Nanjing University of Science and Technology, China**
	Bachelor of Optical and 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.

`IDL` `C++` `Visual Studio 2012` `IPP` `SVN`

2018.08 2018.05	**Web design for a feedback system of an NGO, IMT Mines Alès, France** Project of MSF (Médecin Sans Frontière), working for the medical service › 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