

# Gang XU *Mechanical Engineer*

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**"Looking for a 6 months internship in engineering position at Troyes Troyes, or oversea."**

I am a highly motivated student now taking courses at one of the top engineer schools at France.  
Being Inspired by your culture and having huge interest in cars, i look forward to joining you.

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## Experience

Philips, Department Iot.

SHANGHAI, CHINA

### Support Engineer

Aug 2015

I was recommended by my professor to a research team for short time support, i take charge of monitoring and analyzing data. The task is finished successfully. From this experience, i have learned how to work as a part of a team and adapt to colleagues with different culture.

SJ Architecture.

SHANGHAI, CHINA

### House Interior Designer

Jan 2016 – Jun 2017

I worked as a full-time employer during the winter break, my task is making house interior construction drawing on Autocad and building house renderings on SketchUp. I have also optimized the company's inner network which makes teamwork much more efficient. The manager invited me to work at part time after that. I kept working for them until i came to Europe.

The association of Creation.

SHANGHAI UNIVERSITY

### Vice-president

Jul 2015 – Jul 2016

I joined in this association at 2014 and got promoted the second year. We build mechanical components using LEGO structure blocks, and successfully assembly a model GT car which using methanol. We also make and program robots. Our team get the second prize at the school's LEGO robots competition. The second year i give regular courses to the new members and manager the research lab of the association. Then i was invited to work as a technical supporter at the Quebec 24h innovation competition.

Duo-colors 3D printer Project

Mechanical Institution of SHU

### Group Leader

Nov 2015 – Jun 2016

On the basis of building a RepRap open source 3D printer, we try to modify the firmware in order to add another nozzle and using the color mixing theory to print colorful model. We work together organized and efficient under the guide of a professor, finish the CAD on Catia and Simulation, then we successfully build the printer. The firmware is difficult to recode, we solve it by using an extension.

Solution of cloud computing on freezer

INNOVATION PROJECT OF CHINA

### Group Leader

Nov 2016 – Feb 2018

With the idea to build a smart machine, i set up a team and apply for the innovation project for Chinese students. I am in charge of make a freezer which using semiconductor cooling system, its internal and external structure is pre-designed on computer. And i support the IT engineers to deploy sever and software. The cloud computing freezer is a forward-looking device though the whole system is simple.

*Please refer to my personal page for the complete list of experiences along with recommendations.*

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## Education

University of Technology of Troyes 2017 –

### Master degree in Mechanical Engineering

- Simulation of a service company on SAP.
- IT solutions to industry on WindChill.
- CAD Project: Wind Turbine by Creo & Catia.

Shanghai University 2014 – 2017

### Bachelor degree in Mechanical Engineering

- PLC programing Practice on GE system.
- Metalworking Practice at SHU.
- Design, Assembly and simulation a Helicopter on Catia.
- CAD Project: Convertible Peugeot-206. Surface design and dynamic simulation on Catia.

## Skills

**LANGUAGE:** English, Chinese (Native), French.

**Mechanical Design:** Catia, Creo, Autocad, Abaqus (FEA), Metalworking, Rapid Prototyping.

**Programming:** C, PHP, HTML/CSS/JavaScript, LaTeX, VB/VBA, Linux(operating system).

**Data analysis & Math:** Matlab, Tableau, Scilab, MySQL, Access.

**Management:** MS Office, SAP, WindChill, Axure, manage project.

**Multimedia & Design:** Premiere Pro, Aftereffects, Final cut pro, Photoshop.