Gang XU *Engineer*

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"For the interest in exploring the world, the passion in solving technology problems and the motivation in preparing tomorrow's world, I choose to be an engineer, taking M.S of CS courses in France after got B.E of mechanical at Shanghai".

Experience

Philips, Department Iot. — Shanghai, China
Support Engineer — *Aug 2015*
I was recommended by my professor to a research team for short term 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 device, 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.

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.