Gang XU *Engineer*

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"I am a highly motivated, detail oriented and global perspective student."
#Key Skills: CAD, Creativity, Communication, IT integration, Data analysis, Teamwork.

Experience

Daimler, Mercedes-Benz Passenger Car R&D Center. — Beijing, China

Assistant mechanical engineer — *Aug 2018 – Feb 2019*

I take my place of assistant engineer at MB Passenger Car R&D division, department of localization and component development. During this period, i have chance to involved in the design process of the A Class Sedan, long wheelbase version E Class Sedan, GLC SUV, and Mercedes's first pure electric vehicle EQC. This great experience give me chance to have a deep view in the automobile industry, to gain lots of technical knowledge and to build my soft skills.

SJ Architecture. — Shanghai, China

IT Support & Designer — *Jan 2016 – Jun 2017*

Part-time work, my task is to make house interior construction drawing on Autocad and render 3D concept model on SketchUp. I have also optimized the company's inner network which makes teamwork much more efficient.

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 program robots. Our team get the second prize at the school's LEGO robots competition. I give regular courses to the new members and manager the research lab of the association.

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 rewrite, we solve it by using an extension.

Solution of cloud computing on freezer — Innovation Project of china

Group Leader — *Nov 2016 – Aug 2017*

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 –

M.S in Mechanical

– Simulation of a service company on SAP.
– Deployment the 3DExperience of Dassault Systeme.
– IT solution to industry on WindChill.
– Design a electric vehicle in group.

Shanghai University — 2014 – 2017

B.E in Mechanical

– PLC programming Practice on GE system.
– Metalworking Practice at SHU.
– Design, Assembly and simulation a Helicopter on Catia.

Technical Skills

LANGUAGE: English, French, Chinese (Native).

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

Programming: C, JAVA, PHP, HTML/CSS/JavaScript, LaTeX, VB/VBA, Linux, SQL, UML.

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

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

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