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.

徐刚 工程师

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"注重细节，着眼未来，拥有全球视野的工程师。"
 # 关键技能：CAD, Creativity, Communication, IT integration, Data Analysis, Teamwork.

经历

戴姆勒-梅赛德斯奔驰乘用车研发中心   BEIJING, CHINA
实习机械工程师   *Aug 2018 – Feb 2019*
在 RD 的本地化和零部件开发部门，协助进行 A 级，C 级，E 级轿车，GLA，GLC 级 SUV 的开发工作。以及管理事务的支持。--为其他项目编写了一个用于知识分享的 WebApp。

掌握，部署 3DExperience 系统。   UTT, FRANCE
掌握，部署，展示   *Sprint 2019*
掌握 Dassault Systemes 的 3DExperience 的使用（集成了 PLM 和商业分析功能的信息系统）。包括 CAD 模块的 Catia, SolidWorks，Simulia。PLM 模块的 Enovia。以及信息智能模块。在学校网络中部署。生成报告并展示。

SJ 建筑设计。   SHANGHAI, CHINA
技术支持 & 设计师   *Jan 2016 – Jun 2017*
兼职工作，从 15 年寒假开始。改善了公司内部网络，使工作效率显著增加。负责绘制房屋的施工图纸，用 sketchup 渲染效果图，autocad 画出工程图。.

机器人创新社团   SHANGHAI UNIVERSITY
副社长   *Jul 2015 – Jul 2016*
本科第一年加入社团，第二年升至副社长。使用乐高套件搭建机器人结构，使用 LEGO 的 G 语言和 C 语言对机器人编程。获得学校机器人比赛第二名。之后给新加入的社员讲授一些课程，机械结构，控制方法的基础知识。为社团和学生会成员培训计算机辅助设计技能。

混色 3D 打印机   上海大学工程技术中心
组长   *Nov 2015 – Jun 2016*
基于开源的 RepRap 打印机文档，设计组装一台 3D 打印机。相比较原型，增加了一个物料喷嘴，运用混色理论来打印出彩色模型。通过修改固件，并使用了一个插件达成目标。带领成员在老师的指导下，高效地完成项目。

云计算支持制冷器   国家级创新项目
组长   *Nov 2016 – Aug 2017*
打算自己尝试做一个智能设备。和一个计算机专业的同学设计了一个依赖云计算处理的制冷器，并申请成功了国家级大学生创新项目。负责结构和电路设计部分，协助完成服务器，客户端程序。

更多经历信息请参阅我的个人主页。

教育背景

法国特鲁瓦工程技术大学   2017 –
机械工程硕士
– 使用 SAP 模拟一个商业公司。
– 掌握并模拟 PLM 构架及使用环境，使用 WindChill。
– 设计开发一辆轻量的纯电四轮轿车。

上海大学   2014 – 2017
机械工程学士
– GE PLC 编程。
– 金工实习。
– 在 CATIA 上设计，组装，模拟运行一台直升机。

技能

语言： 英语，法语。

机械设计： Catia, Creo, Autocad, Abaqus (有限元分析), 金工制造, 快速成型制造，PLM 系统。

程序语言: C, JAVA, HTML/CSS/PHP/JavaScript, LATEX, VB/VBA, Linux，SQL，UML。

数据分析 & 数学: Matlab, Tableau, Scilab, MySql, Access.

管理: MS Office，SAP，WindChill，Axure，项目管理。

多媒体设计： Premiere Pro, Aftereffects, Final cut pro, Photoshop.