

# Samuel CLERC



## INFORMATION

### Address

2 route de la Vie de Scie  
25330 Bolandoz  
FRANCE

### Phone

+33647534308

### Email

samuel.clerc@outlook.com

### Age

25 years old

## SKILLS

### Software

Catia, PTC Creo, AutoCAD  
Abaqus, SoMachine  
Word, Excel, PowerPoint

### Computer language

HTML, CSS  
PHP, SQL  
Java, C++

### Language

French (Native speaker)  
English (TOEIC 750)

## EDUCATION

2017 – 2018

### Master Institute of Business Administration, TOURS

- Management control and Accounting
- Procedure to create a company and Private law
- Marketing with cases study
- Project management and HR

2014 – 2017

### Engineer school in Mechanics and system design, Polytech, TOURS

- Design with Computer-aided design software (CAD software)
- 3D printer, CNC machine, machining operation
- Advanced mechanics, finite element, material science
- Production management, quality control
- Electronic, mechatronic, robotic

2011 – 2014

### University diploma in technology in Mechanical and Production, DUT GMP, BESANÇON

- Mechanics, structural calculation
- Production, quality

2008 – 2011

### Scientific Baccalaureat, Lycée Victor Hugo, BESANÇON

## WORK EXPERIENCE

April-August 2017

### Internship in the engineer department at Evoke, an Electric Motorcycle Company, BEIJING, China

- Project management, core member to conduct engineer work
- Designed components with Computer-aided design software (PTC Creo)
- Used 3D printer for the prototypes such as motorcycle dashboard
- Found new solutions to improve the motorbike
- Several tasks in marketing, designing with Photoshop

June-July 2016

### Internship in a research laboratory of Beijing

#### University of Technology, BEIJING, China

- Designed and chose the components of a "line follower robot"
- Created an electronic card for this robot, chose the electronic components
- Created an informatics program for the microcontroller in C++ language

May-July 2013

### Internship in a design office, SIS Group,

#### AVOUDREY, France

- Designed and created patterns to help operator
- Found new solution to increase efficiency of the production line
- Using Computer-aided design software (AutoCAD)

## PERSONAL EVALUATION

Detail oriented, willing to fully devote to all projects.

Capable to handle multi-tasks and work under pressure.

Highly motivated, able and willing to learn new technologies

I'm creative, open minded and curious.

Ability to adapt to a different environment quickly.

Good interpersonal skills and with good team player.

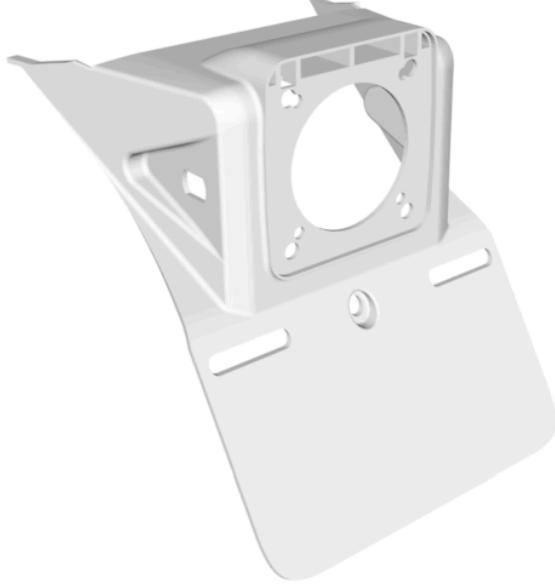
## APPENDIX

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I had the opportunity to create many projects during my study, specially in my internships. My main projects are presented in this section.

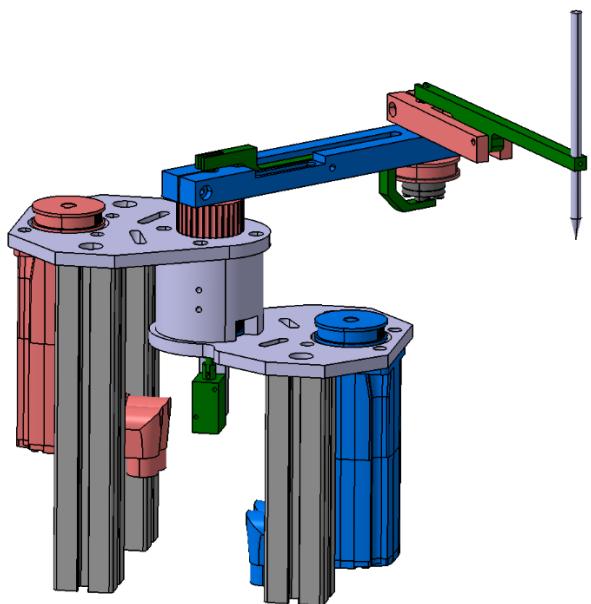
### **Internship in the engineer department, Evoke Motorbike, BEIJING, China**

In the internship, I designed many components of the electric motorbike, one of the part was used to support a charge plug as well as the motorbike plate and flashing lights. I designed this with the software PTC Creo. Before initiating the production, I printed a prototype with a 3D printer.

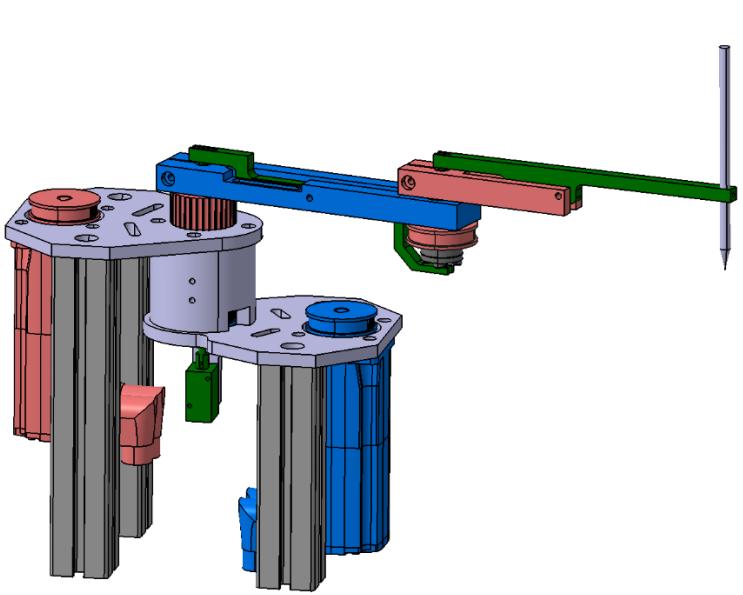


### **Engineer school in Mechanics and system design, Polytech, TOURS**

During the last year of school, I conducted a project of designing a robot by the Catia software, and I assembled the robot, and also made it controlled by a Schneider controller. It was a SCARA robot (Selective Compliance Assembly Robot Arm). The purpose of the robot was to write with a pen with an articulated arm, and the arm can move freely horizontally and the extremity of the arm can move vertically in a small range to control to write or not.



*Simulation design of the SCARA robot*



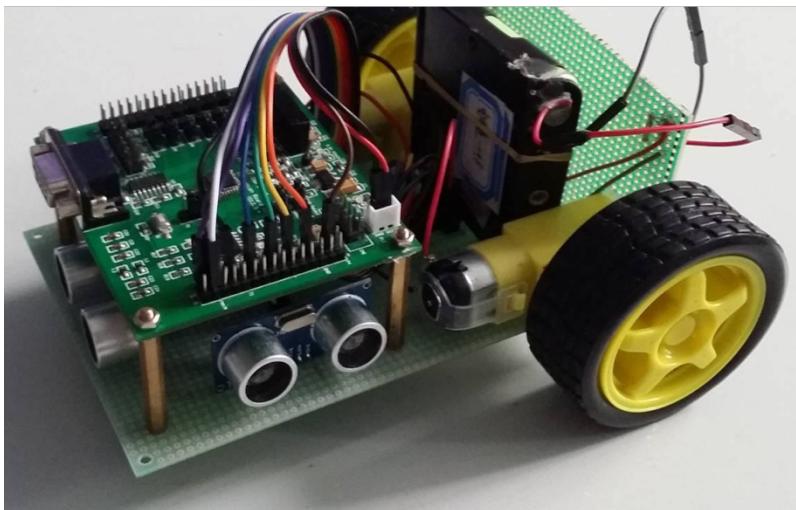
*Simulation design with the straight-arm*



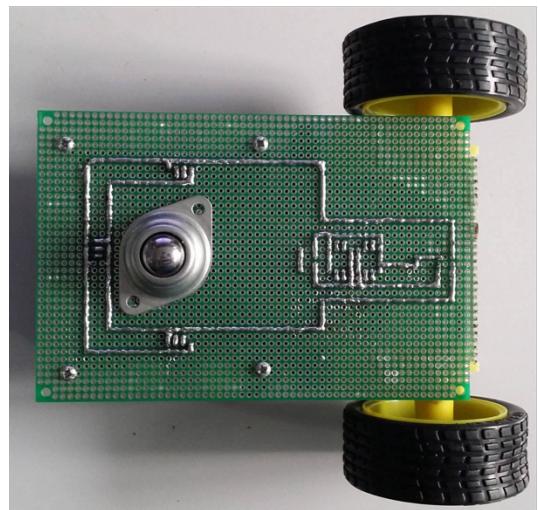
*Photo of the actual robot*

### **Internship in a research laboratory of Beijing University of Technology, BEIJING, China**

During the internship, I achieved the design and implementation of a robot, which was automatic with the ability to pass through a simple labyrinth. The robot detected the space through different ultrasound sensors and moved with two wheel supplied by two motors. A microcontroller with an algorithm in C++ language to order the motors to move the robot.



*Photo of the robot*



*Photo from the bottom view*

### **Internship in a design office, SIS Group, AVOUDREY, France**

This internship included the design of different patterns by AutoCAD software for leatherwork. The patterns were used to position and assemble two parts of handle bag. I used the blueprint of the handle bag to design the pattern and I made it by a laser cutting machine.



*First part*



*The pattern*



*Handle bag with both parts assembled*

# RECOMMENDATION LETTER

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Evoke Electric Motorcycles  
150 Lai Guang Ying North Rd.  
Beijing, China  
[www.evokemotorcycles.com](http://www.evokemotorcycles.com)

To Whom it may Concern:

As a Samuel Clerc's direct supervisor, it gives me great pleasure to write a recommendation letter for him. He worked in our Beijing office as an mechanical engineer and industrial designer. Samuel's passion for mechanical design and creative talent has been a tremendous addition to our team and has earned the earned the admiration of his colleagues.

Samuel has taken a strong role within the team, organizing projects in product design and mechanical design. During his time he designed several keys aesthetic components and managed the process from design to final implementation. His role was inspirational to the rest of the team to see how he developed personally and professionally in such a short time.

I would be very happy to recommend Samuel for any work opportunities in mechanical engineering and industrial design and he would be a great addition to any team and a pronounced leader-in-training.

Please contact me at +86 178-8883-4509 or at [chris@evokemotorcycles.com](mailto:chris@evokemotorcycles.com) for any questions or additional information.

Sincerely Yours,

A handwritten signature in black ink, appearing to read "Riether".

Chris Riether  
COO of Evoke Electric Motorcycles