

TRISTAN MULLER

20 years old, Student in Electronics

@ mllr.tristan@gmail.com +33 7 67 00 84 99 in linkedin.com/in/tristan-muller
github.com/101Robotics French Driving Licence France
Find more about my projects on tm.101robotics.com



EXPERIENCES

Technical Writer Robot-Maker.com

Since July 2016

Wrote an ebook in French for beginners in electronics and Arduino board programming (in collaboration with an engineer). The first two chapters are written and are being released on Robot-Maker.com.

Technician in electronic conception (Summer Job) Dooz

Escape Game

August - September 2017 Strasbourg, France

Design and realization of the electronic part (sensors and actuators) and computer part (Arduinos and Raspberry Pis programming) parts of various autonomous systems integrated into the rooms for a Live Escape Game in Strasbourg

Intern Mars PF France

June - July 2018 Ernolsheim, France

8-week internship in the Automation and Industrial IT department entitled: Data exchange between a dynamic weighing system and a supervision system (InTouch).

Summer Jobs France

2018: Interim assignment as an order picker in a Hummel warehouse then grape picker.

2019: Gas Springs Assembler at Quiri.

PROJECTS

Robot for tracking shots Freppel High School

September 2016 - July 2017 Obernai, France

Description

All-terrain mobile robotic base allowing to film in low angle and stabilized way and equipped with a remote control by smartphone, realized with 4 other high school students at Freppel high school in Obernai, France

1st Invention Prize awarded by the Lions Club of Obernai - February 2018

Winners of the first prize in the inventors' category of the GRENDIR contest organized by the Obernai Lions Club.

High School Engineering Science Olympiads - April 2017

Selected for the first regional phase

2 participations at the Besancon Hacking Health

October 2017 and 2018 Saint-Jacques Hospital, Besançon, France

Description

48-hour event to bring together project leaders and participants wishing to use their skills in the service of a health-related project.

2017 Edition: Coach in Electronics and 3D Printing

2018 Edition: Winner of the Harmonie Mutuelle Award

As part of a team working on a wheelchair electric assistance kit, I worked on prototyping the electronic part of the system (reading the sensors and controlling the motors).

EDUCATION

Engineering Program S-CUBE / Bachelor of Engineering

University of Franche Comté, Besançon, France

Since September 2017

Currently in the third year of a 5-year engineering training course for a specialization in Electronics and Control Engineering.

Student Entrepreneur

PEPITE Bourgogne Franche-Comté, Besançon, France

September 2017 - June 2018

Student Entrepreneur with a project in the field of robotics.

French secondary school diploma in Sciences - Engineering

Freppel High School, Obernai, France

June 2017

French secondary school diploma in Sciences with an Engineering major.

SKILLS

Electronics Arduino Raspberry Pi
PCB design and soldering
IT skills Office Suit LaTeX
Windows Linux C/C++ Python
Rapid Prototyping 3D Printing
Laser cutting

LANGUAGES

French (mother tongue) ●●●●●

English (TOEIC L&R : 985/990) ●●●●●

HOBBIES

Volleyball
Since 2014

Aeronautics
Since 2012

Robotics
Since 2014