

# PORTFOLIO

Paul Giroux

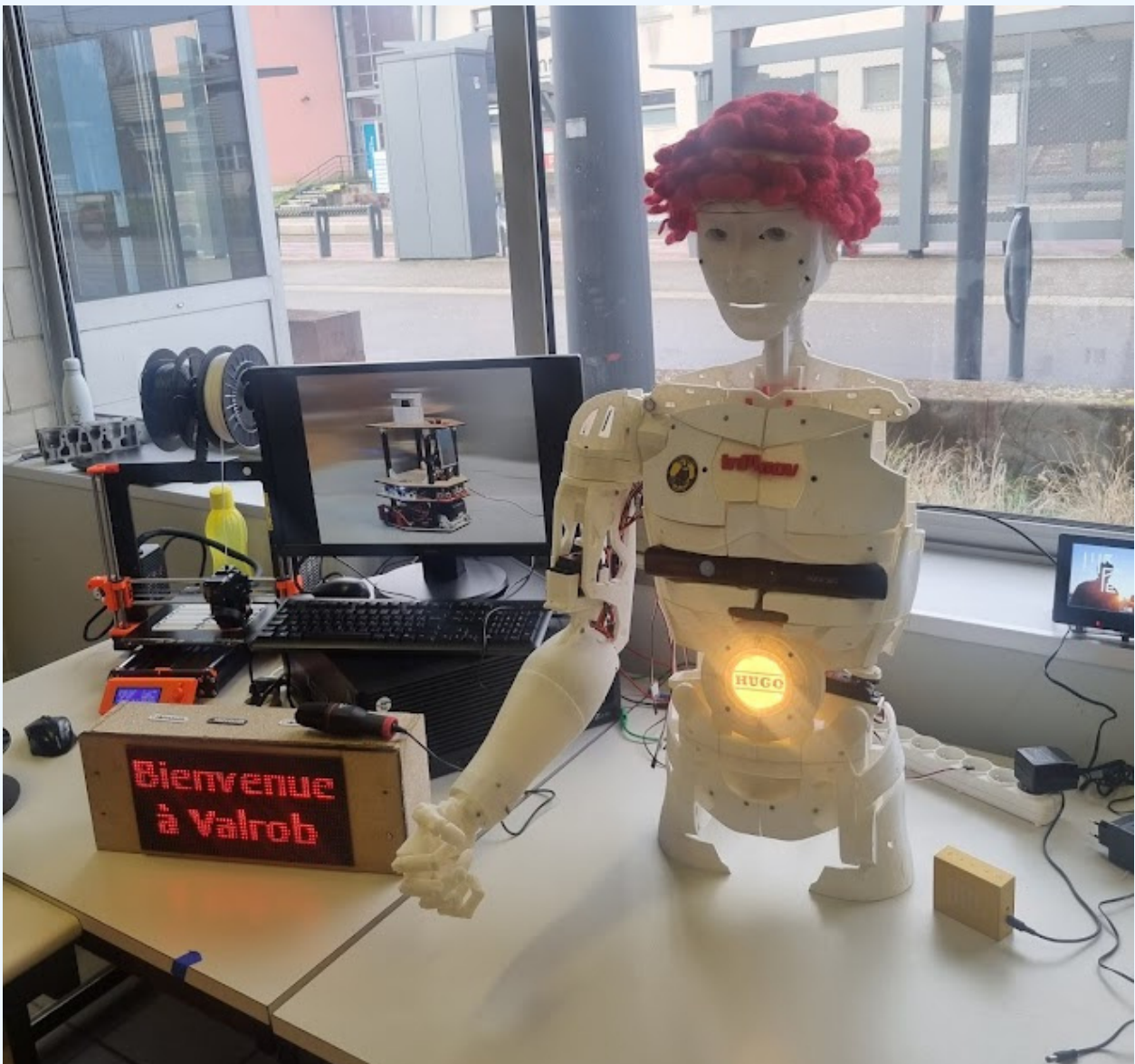
# Hugo InMoov :

*Start Date : 01/01/2018*

**link to the original projet : [inmoov.fr](http://inmoov.fr)**

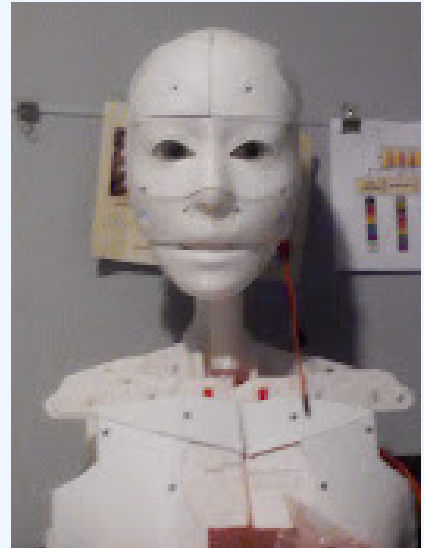
**link to my project video : [youtube.fr](https://www.youtube.fr)**

**link to hugo Instagram : [Instagram](https://www.instagram.com)**



# Hugo InMoov :

*from Zerro to hero :*



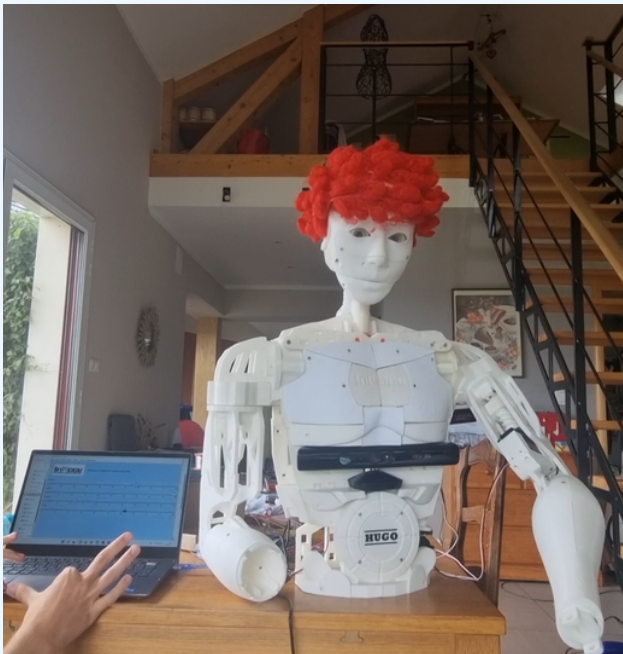
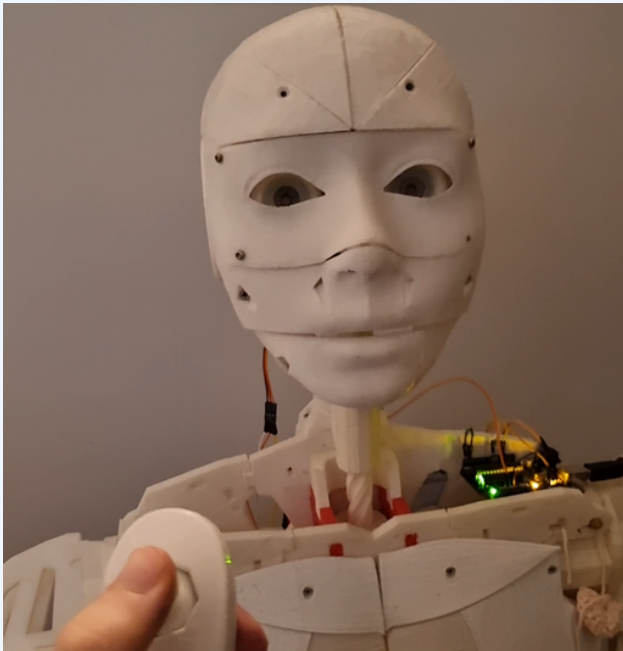
**2018 | 2019 : *High School***



**2020 : *Eye light Update***

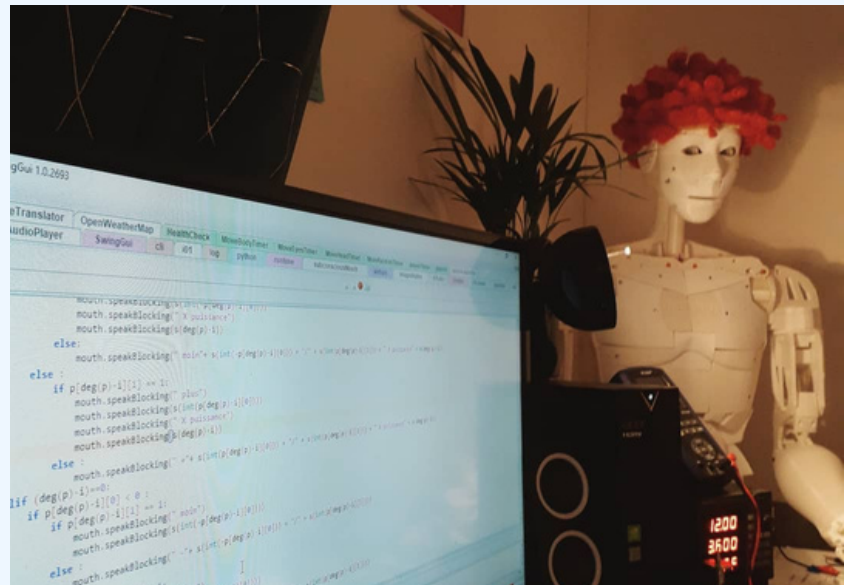
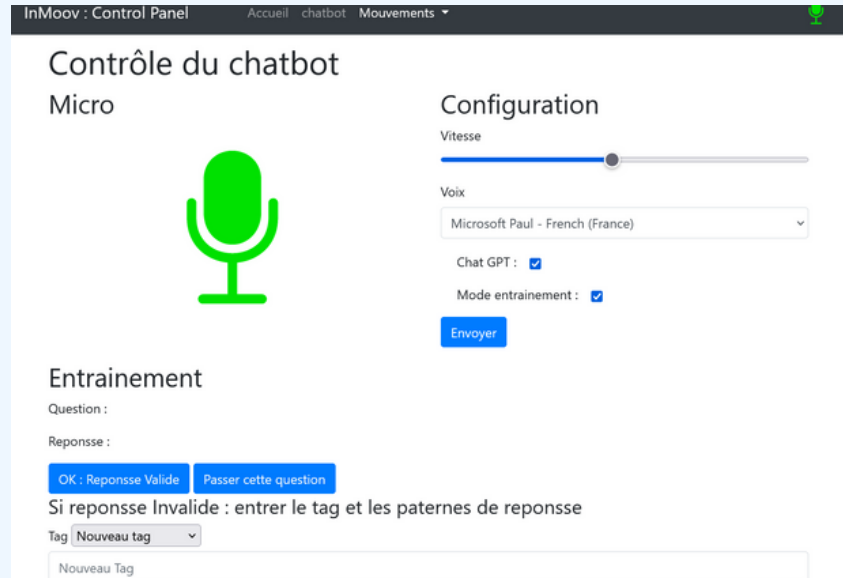
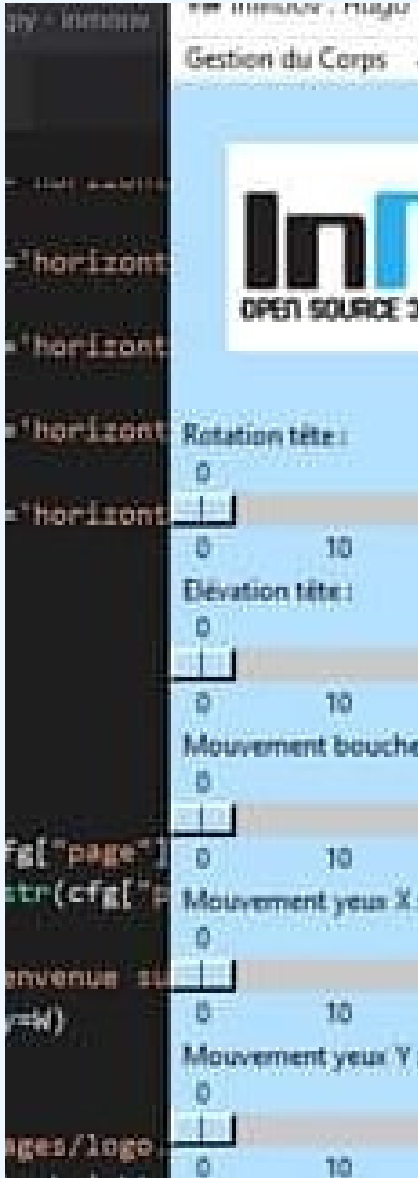
# Hugo InMoov :

*from Zerro to hero :*



**2020 | 2021 : *Motorization***

*from Zerro to hero :*

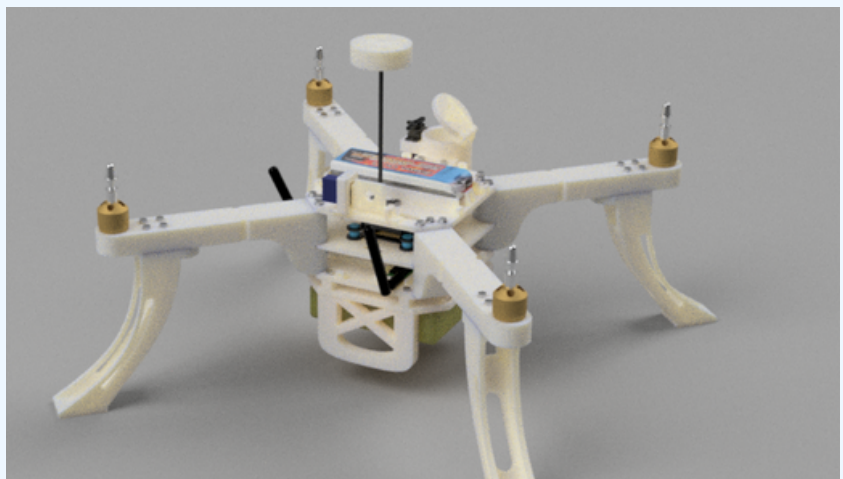
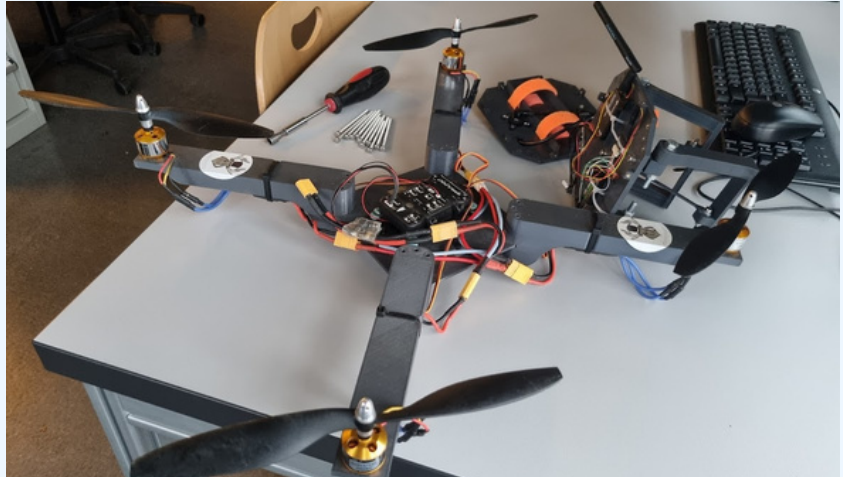


## 2022 | 2023 | ... : *New Software with AI and NLP*

- **link to the Github project : [GitHub](#)**

# Drones: (team)

Dassault UAV Challenge

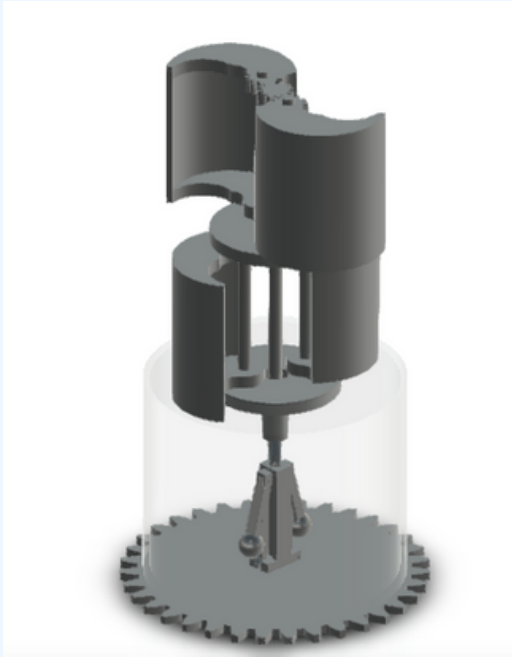


**2022 | ... : *Team leader for the Dassault UAV Challenge***

Team leader of the school's drone team and vice president of the robotics association participating in the national drone and robot championship.

- **The project report link : [Drive](#)**
- **3D modelisation files : [Fusion360](#)**
- **Video of a fly test : [Youtube](#)**

# Wind turbine: (team)

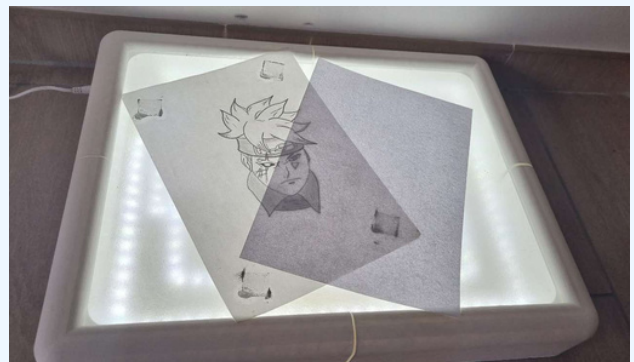
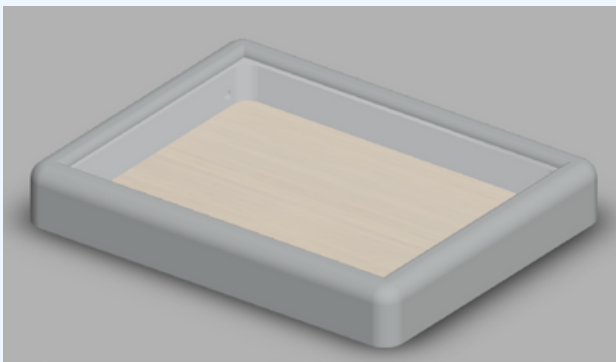


**2023 : a wind turbine that shuts down automatically in case of dangerous wind**

the wind turbine must adapt the opening of its blades with a watt regulator

- link to the 3D model : [Fusion](#)

## Light desk:

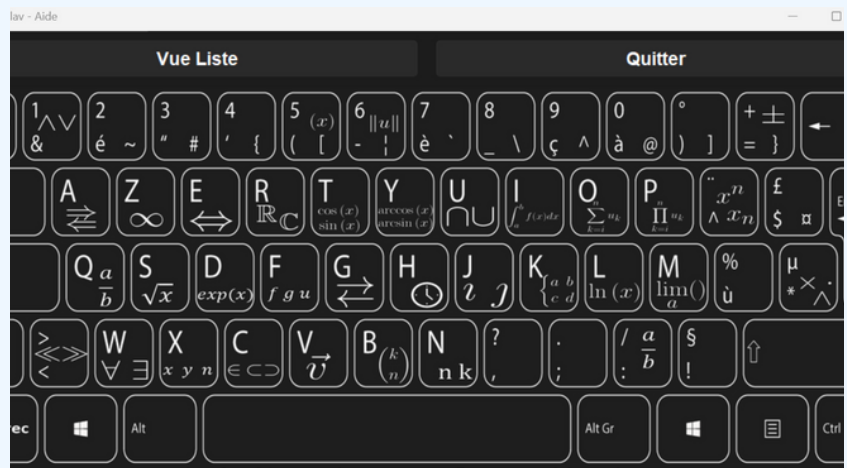
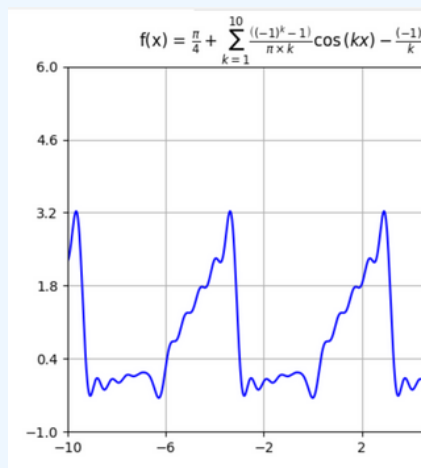
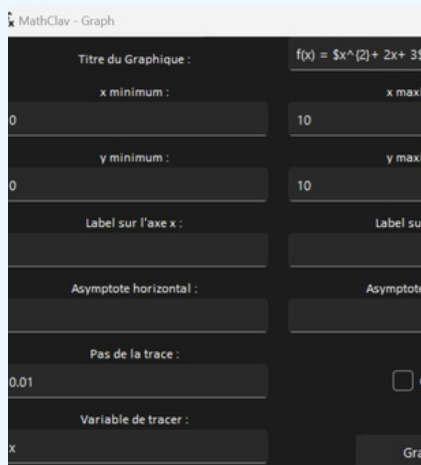


**2022 : the DIY Gift**

an A3 size light tablet for easy copying of drawings

- link to the 3D model : [Fusion](#)

# MathClav : (team)



## Summer 2022 : development of a tool to type equations in latex and draw curves

This tool is being developed in **python** to make it easier to write reports including mathematical equations. It is designed to help people with disabilities who need to use a computer in mathematics classes.

- link to the gitHub project : [GitHub](#)
- available on Sourceforge : [here](#)
- my demo video : [youtube](#)

# Timetable software:

```
EXPLORATEUR  ...  edt_impression.php  edt_general.php
✓ EDT_INDIV_ACTIVE  new_rdv.php
# all.css  8  if(isset($_GET['nbe'])){
appel.php  9  header("location: new_rdv");
edt_full_pr.php  10  }
edt_full.php  11  }
edt_general.php  12  > if(isset($_POST['addeleve'])){
56  }
edt_impression.php  13  }
edt_supr_general.php  14  > if(isset($_POST['mineleve'])){
101  }
edt_supr.php  102  }
edt.php  103  if(isset($_GET['s'])){ $s = $_GET['s'];
104  else $s = $_GET['semaine'];
105  if(isset($_POST['Envoyer'])){
106  include('log_bdd.php');
107  for($i=1;$i<=53;$i++) $swe
108  $strlen = strlen($_POST['
109  $x = 0;
110  > for($i=0;$i<$strlen;$i++)
111  }
112  }
113  if($x != 0) $week[$x] = t
114  $dd = new DateTime($_POS
115  $d = $dd->format('Y-m-d
116  $week[intval(date('W', $
117  $echo(" ".date('W', st
118  $dddd = new DateTime("01
119  $ddd = $dddd->format('Y-
120  $j = date('N', strtotime
```



**Lundi 27/02 16:00-18:00**

Nom du RDV: Reco

Eleves: [dropdown]

Prof: [dropdown]

Date: 27 / 02 / 2023

Heure: 16 : 00 : 00

Durée: 120

Lieu: Salle individualisation

Conteur: Individualisation

Statut Absence: Non Renseigné

Notifier Prof: ☐

Notifier Elève: ☐

Envoyer

**Imprimer**

De qui voulez vous afficher l'EDT ? [dropdown] quelle semaine ? 2023-W09 Validé

RETOUR ACCUEIL

**TERM PH**

Semaine du 27/02/2023 au 05/03/2023

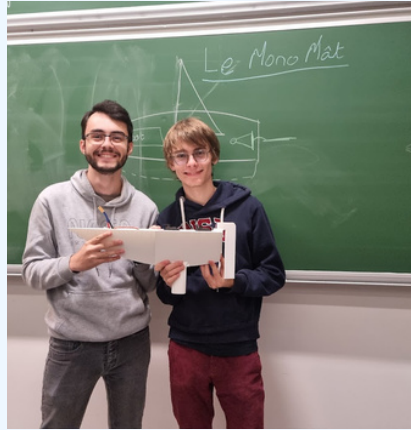
Heure	Lundi	Mardi	Mercredi	Jeudi	Vendredi
08h-9h		Serres lycée 08:00 / 10:00 serres hort L'Autonomie	Serres lycée 08:00 / 10:00 serres hort L'Autonomie		
09h-10h					
10h-11h	CDR-CFA 10:00 / 12:00 Autonomie L'Autonomie	Serres lycée 10:00 / 11:00 serres hort L'Autonomie		Serres lycée 10:00 / 12:00 serres hort L'Autonomie	
11h-12h					
12h-13h					
13h-14h					
14h-15h		Serres lycée 14:00 / 15:00 serres hort L'Autonomie			
15h-16h				reste en classe 15:00 / 16:00 Reste en cours/autonomie L'Autonomie	
16h-17h					
17h-18h					

## 2021-2022 : development of a timetable management software for a high-school

This tool is being developed in **HTML/CSS and PHP** to manage the timetable of an individualisation service in a high school. This project was made in order to help my mother in her daily work. before this she used excel sheet.

- link to the gitHub project : [GitHub](#)

# Remote boat: (team)

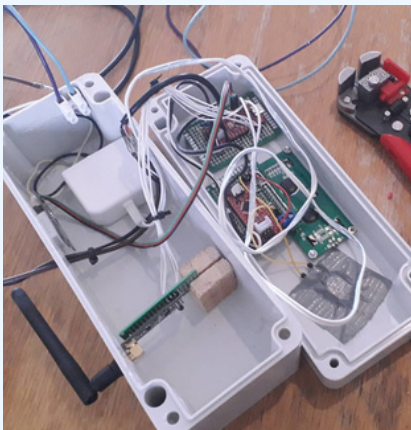


## 2022 : just a project with friends

*a radio-controlled boat that works with the wind or with a motor*

- link to the 3D model : [Fusion](#)
- link to test video with motor : [Youtube](#)

# Controlled irrigation:



**2021-... : a weather station that collects data and controls the watering of the garden**

# FoliMotte: (team)

junior achievement mini compagnie



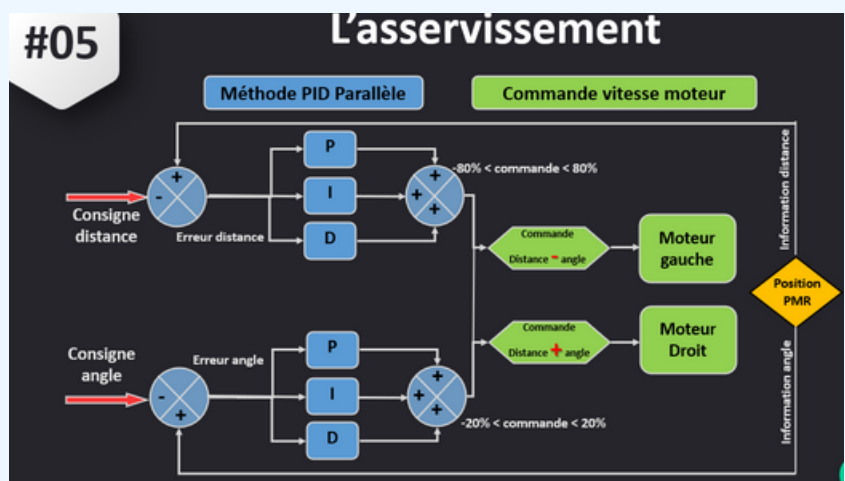
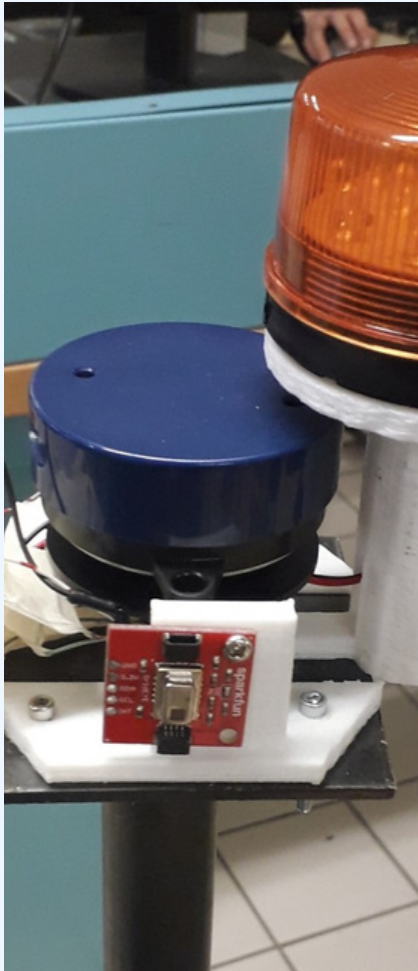
**2019|2020 : *CEO of FoliMotte a student led compagnie***

design, testing and industrialisation of a gardening tool for making soil clods for sowing

**Winner of the regional championship**

- link to the project website : [folimotte.fr](https://folimotte.fr)

# Disabled person's follower: (team)



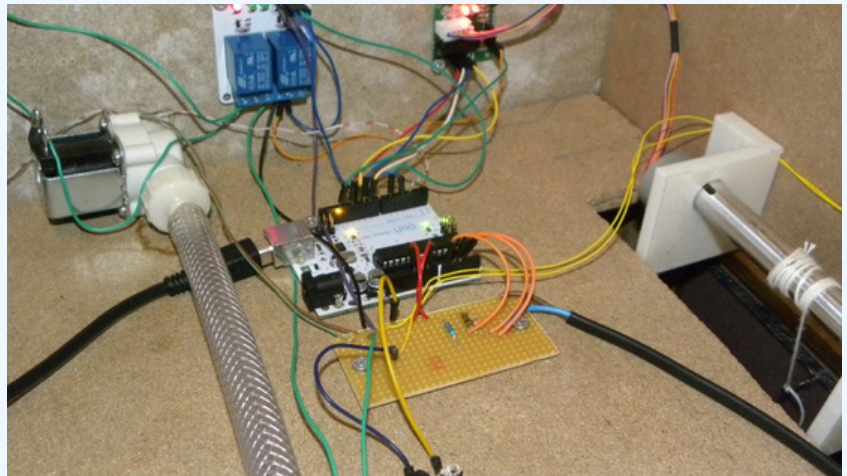
## 2019-2020 : bacaloreate project

design of a mobile robot that can follow disabled people around railway stations. The robot includes a lidar sensor, a thermal sensor and PID controllers.

*not graded because of Covid-19*

- link to the project report : [Drive](#)

# Chicken coop: (team)



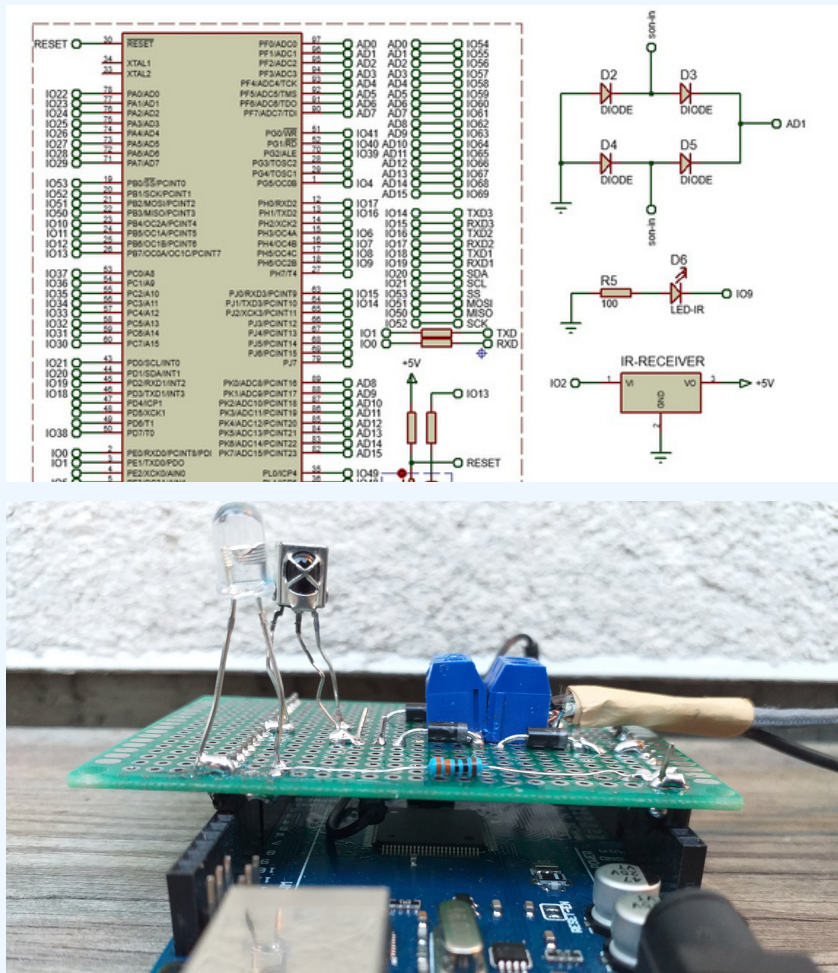
## 2018-2019 : bacaloreate project

conception and construction of an entire chicken coop with water and seed distribution and automatic door.

**Grade : 20/20**

- link to the project report : [Drive](#)

# The Auto-sound:



## 2019 : Sound protection tools

construction of a tool that reduces the sound of the television if the volume exceeds a certain limit. writing a report in order to participate in the inovez competition proposed by the magazine science et vie junior

- link to the project folder : [Drive](#)