

PAUL WALCZAK

French Engineering student
(21 years old)

VOLUNTEERING

Nous Existons 2021-2023

Scientific mediation that aims to raise awareness of the sensitivity and fragility of the seabed. The project is supported by **ISblue**, **ISblueHUB** and **Ifremer**.

Cordées de la Réussite 2021-2022

A French national education scheme that aims to encourage academic ambition among secondary school students.

Summer Camp Animator 2020-2021

ESTIVAL association (11-15 yo)

Solidarity Stay in Haïti 2017

Solidarity stay with young Haitians from the Noël des Anges Center (educational center for young people in advanced poverty).

SPORTS & HOBBIES

Arduino - ESP32 - STM32
Web development
Car Mechanics
Wakeboard - Surf - Foil
Guitar
3D design/printing

CONTACT

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FRANCE

Driving Licence, Category B

PROFESSIONAL EXPERIENCES

June 2022	↑	KERPAPE - Technician Internship	2 months
		Design and 3D printing in a rehabilitation center	
July 2021	●	BREIZELEC - Fixed-term Contract	1 month
		Inserting components and reworking solder joints	
Feb 2021	●	BREIZELEC - Worker Internship 1 month	1 month
		Electronic component insertion	
July 2020	●	BNP Paribas - Fixed-term Contract	1 month
		Welcoming customers, handling routine inquiries and sales activity Receptionist	
Aug 2019	●	BNP Paribas - Fixed-term Contract	1 month
		Welcoming customers, handling routine inquiries and sales activity Receptionist	

EDUCATION

Engineering School ENIB	2019-2024
ENIB - École Nationale d'Ingénieur de Brest General - Electronics, Mechatronics, Computer Science	
Bachelor of Science degree	2012-2019
College/High School Saint-Louis Châteaulin	

PROJECTS

STM32 projects	2022
1) Sensor network using CAN Bus protocol and HMI data recovery with QTCreator	
2) Control temperature of a heating resistor by servo-system	
3) Spatial localization of a voice with 2 main algorithms :	
- VAD : Voice Activity Detection	
- DOA : Direction of Arrivals	
VHDL	2022
- Simulating the mu0 processor	
CM33 based project	2022
- Programming a simple calculator with LPC55S69 based on Cortex-M33	

SKILLS

Microcontroller programming	Arduino, STM32, CM33
Programming languages	Python, C++, C
Web development	Front (Vue, HTML, CSS - Tailwind Framework)
CAO	Autodesk Fusion 360, CATIA, EAGLE, Blender (notions)
Languages	French (native), English (proficient)

TRAININGS

Jan 2022	↑	SST - First aiders at work
July 2021	●	Boat licence (costal)
May 2021	●	PSE1 - First Aid Team 1st level
July 2019	●	Scientific Baccalaureate with distinction Digital Sciences and European Section
April 2019	●	BNSSA - National Aquatic Safety and Rescue Certificate French aquatic safety certification
June 2017	●	PET for School - Cambridge English B1