



BREON PAUL

APRENTICE IN RESEARCH AND INNOVATION IN XR

CONTACT

+33 7 78 32 07 54
paul.breon@viacesi.fr
Rouen France



EDUCATION

2021 - 2026

CESI ENGINEERING SCHOOL

Engineering in Master Degree in
Computer Science :

- C#, C++, C, Python oriented object programming.
- WEB with HTML, CSS, PHP, JS.
- System administrator and networking.

2019 - 2021

HIGH SCHOOL

- High School graduate with mention in Math and Physics.

SKILLS

- C#, C++, Python, 3D Engine, Unity
- Virtual Reality, Mixed Reality, Augmented Reality
- Window, Linux (graphical or not)
- Project Management
- Teamwork
- Time Management
- Critical Thinking

LANGUAGES

- French (Native)
- English (TOEIC 700)
- Spanish (Intermediate)
- German (Basics)

LOOKING FOR AN INTERNSHIP IN XR OR IN IA FROM JULY TO OCTOBER

PROFILE

I am a computer science student at the CESI in Rouen (France), and I am currently an apprentice at the LINEACT research laboratory of the CESI. My work focuses on exploring innovative virtual and augmented reality solutions in an educational and industrial setting.

In addition to my academic and professional activities, I have a deep passion for music. As a drummer and conductor, I have developed leadership skills, creativity and a strong sense of teamwork.

WORK EXPERIENCE

CESI LINEACT

SEPTEMBER 2023 - PRESENT

Apprentice in research and innovation in XR

- Develop and deploy an application for students to learn how to use a robot by using the Digital twin of this robot in an immersive environment in Virtual Reality.
- Create a package in Unity to generate datasets using an immersive environment in virtual reality to recognize human actions (using Motion Capture).

CESI LINEACT

April 2023 - July 2023

Intern in research and innovation in XR

- Develop a tool to instantiate a communication between ROS and Unity (ROS is one of the most use frameworks for robots and Unity the current 3D engine we are using in CESI LINEACT to create XR environments).

VOLUNTEERING

CESI Volunteering

DECEMBER 2021 - PRESENT

Manager of associations in the school and member of some of them

- Manager and team leader in the associations part in the Student Office (Management of budget and equipment, communication between the School and the students).
- Chairman of the music club since 2022 (Management of budget and equipment).
- Member of the VR club, Robotic club, Drawing club.

MUSIC Volunteering

NOVEMBER 2015 - PRESENT

Conductor and drums player

- Office member of the association since 2024.
- Conductor in the junior orchestra since 2023.
- Drum leader in the orchestra since 2019.
- Drum player since 2015.