

# MARION POBELLE

## TOOL & GAMEPLAY PROGRAMMER



Marion Pobelle

### PROFILE

I'm studying for a Master's degree in Software Engineering at the CNAM - ENJMIN in Angoulême. Enthusiastic and curious, I want to become a **gameplay programmer**.

I love **learning** new skills and seeing how far I can push them. In my spare time, I enjoy **longboarding**, **baking** and **doing punch needle**.

### EDUCATION

**Master Degree JMIN - Software Engineering**

CNAM-ENJMIN, Angoulême | 2023 - Today

**Master Degree 1 Artificial Intelligence**

Université Paris Saclay, Gif-sur-Yvette | 2021 - 2022

**Double Degree Computer Science, Mathematics**

Université Paris Saclay, Gif-sur-Yvette | 2019 - 2021

### SOFT SKILLS

#### Teamwork

Efficient communication with members of other specialities towards project completion.

#### Critical thinking & Adaptability

Quickly assess situations and collaboration to find the most practical solutions.

#### Organization & Responsibility

Experience with Agile (SCRUM) and Waterfall methods.

#### Autonomous & Curious

Ability to acquire skills and information autonomously and efficiently.

### CERTIFICATIONS

- **French** - Mother tongue
- **English** - C1 (Score TOEIC 2022 : 990/990)

### PORTFOLIO



GitHub  
[marionpobelle](https://github.com/marionpobelle)



itch.io  
[vitamin.exe](https://vitamin.exe)

### EXPERIENCE

#### LAB 2024 MNHN - CESCO

Internship | July 2024 - August 2024

- **Experimentation centered internship** under the supervision of the **CESCO research laboratory**, affiliated with the Muséum national d'Histoire naturelle in Paris.
- Prototyping of **collaborative interactive experiences** focused on the **co-construction** of territorial futures.

#### Develop At Ubisoft 2023 - Programming

Mentoring | November 2023 - March 2024

- Participation in a **technical challenge** focused on space exploration under the **mentorship** of a member of **Ubisoft Bordeaux**.
- Development of a **C++ game** using a **limited framework**.

### PROJECTS

#### Puppy Guards

CNAM-ENJMIN | March 2024 - June 2024

- **Unity - Gameplay, UI** (menus and HUD) & **Editor** (game design assistance, visualization, custom inspector) programming.
- **Local multiplayer** implementation using the **new input system** and the **C# class** generated by it.
- Use of high-performance **plug-ins** to **facilitate production** and **enhance the gaming experience** (Odin, A\* Pathfinding Project, Dotween).

#### Costellation

CNAM-ENJMIN | September 2023

- **Unity - Gameplay & Editor** programming.
- A 4-day workshop on **alternative output**.
- Presented during the **2024 edition of the "Les Mycéliades" festival** held at the Alpha media-library in Angoulême.

### SKILLS

#### Engine & Programming

- **Unity 2D/3D** (C#, HLSL, ShaderGraph)
- **Unreal Engine 5** (C++, Blueprint)
- **Godot 4** (C#, GDScript)
- **C++, SFML**, Visual (OpenGL/GLSL), Audio (OpenAL)
- **HTML**

#### Technical

- Ability to write **technical documentation** and adapt to **naming conventions**.
- Knowledge of **SOLID programming principles** for **high-performance, maintainable, scalable, reusable and testable** code.
- Good knowledge of **mathematical concepts** (linear algebra, geometry, trigonometry) and **mechanical physics**.
- **UML diagrams** (structural : class diagrams & behavioral : sequence diagrams).
- **Profiling & Debugging** (in-engine or using a debugger).
- **Version management** (Git).