

Federica Bucchieri



FedericaBucchieri



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Experience

Junior Gameplay Programmer

September 2022 — Now, Milan (IT)

3DClouds srl

- Unreal Engine Game programming in C++.
- Core gameplay feature implementation.
- Bug Fixing and Debugging.

Research Intern

March 2022 — August 2022, Paris (FR)

Inria Saclay Île-de-France

- Research Topic: Situated Visualization in Motion for Video games
- Studying the impact of motion factors on the readability of visualizations in motion and their data referents' aesthetic.
- Conducted a systematic review, a specific analysis of different types of data representation and a pilot study.
- Video game design and implementation with Unity in C#.

Web Development and Support

June 2021 — June 2022, Milano (IT - Remote)

Politecnico di Milano, DEIB Departement

- Creating and debugging websites using WordPress, CSS, HTML and Javascript
- Determining coding requirements for site creation meeting the stakeholders and designers demands.

Education

EIT Digital Human-Computer Interaction double degree

September 2020 - September 2022, Master's degree cum laude

Politecnico di Milano, Université Paris-Saclay

Computer Science Engineering

September 2017 - September 2020, Bachelor's degree

Politecnico di Milano

Publications

- Federica Bucchieri, Lijie Yao, Petra Isenberg. Situated Visualization in Motion for Video Games. Posters of the European Conference on Visualization (EuroVis), Jun 2022, Rome, Italy.
- Federica Bucchieri, Lijie Yao, Petra Isenberg. Visualization in Motion in Video Games for Different Types of Data. Journée Visu 2022, Jun 2022, Bordeaux, France.

Skills

Game Development
UX Design & Research
Web development
Data Visualization
Software engineering

Programming Languages & Tools

C++	Vue.js
C#	Python
Java	Unity
JavaScript	UE4/UE5
HTML	Figma

Languages

Italian — Native
English — C1
French — A2
Dutch — A1

Strenght

Team work & Leadership
Communication skills
Problem Solving
Emergency management
Strong committement

Hobbies

Gaming
Scuba Diving
Travelling
Basketball