


Federica Bucchieri

Human-Computer Interaction & Design

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Education

EIT Digital Human-Computer Interaction double degree

September 2020 - September 2022, Master's degree
Politecnico di Milano, Université Paris-Saclay

EIT Digital Summer School, Digital platforms for smart cities

August 2021, Summer School
Aalto University, School of Science

Computer Science Engineering

September 2017 - September 2020, Bachelor's degree
Politecnico di Milano

Experience

Research Intern

March 2022 — August 2022, Paris (FR)

Inria Saclay Île-de-France

Researching the impact of motion factors in Situated Visualization in Video games by conducting a systematic review of visualizations in motion in the context of games. My future research goal comprises an empirical evaluation of my own visualization design.

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.

Publications

- Bucchieri F., Yao L., Iseberg P. "Situated Visualization in Motion for Video Games". Poster session presented at: EuroVis 22. 24rd Eurographics Conference on Visualization; 2022 June 13-17; Rome, IT

Relevant Academic Projects

First Person Shooting Game

April 2022 — May 2022

FPS Game implemented using Unity (C#) with the final goal of using it during an empirical evaluation for my Master's Thesis. The game combines level design and game mechanics with data visualization to evaluate how motion factors influence game's visualization efficacy and readability.

Skills

Front-end
Web Development
UX Design & Research
Game Design
Data Visualization

Programming Languages & Tools

Java	Vue.js
JavaScript	Python
HTML	Unity
CSS	WordPress
C#	Figma

Languages

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

Strenght

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

Hobbies

Gaming
Scuba Diving
Travelling