

# FEDERICA BUCCHIERI

*Human-Computer Interaction & Design Student*

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## PERSONAL PROFILE

**Date of birth:** 14/07/1998    **Nationality:** Italian    **Gender:** Female

I am a MSc student in Human-Computer Interaction & Design with a BSc background in Computer Science. I am passionate about programming and computer graphics and I define myself as open minded, curious and a great team worker. My study experiences around the world, allowed me to develop a variety of soft skills that I am very proud of.

## WORKING EXPERIENCE

- 06/21 > 05/22    *Web development and support for department projects and events*  
**DEIB Department at Polytechnic University of Milan** / Piazza Leonardo da Vinci, 32, 20133 Milano MI, Italy

## EDUCATION

- 2012-2017    *High school leaving qualification in scientific studies*  
**Liceo Statale Stanislao Cannizzaro** / Via G. Arimondi, 14, 90143 Palermo (PA), Italy  
- Finale Grade: 98/100  
▪ National Math tournament - 1° yr.    ▪ Class representative - 2° yr.    ▪ Basketball School Team - 2° > 3° yr.
- 2015-2016    *AFS Exchange Program in the Netherlands*  
**Lyceum Schöndeln (LI)** / Heinsbergerweg, 184, 6045 CK Roermond LI, Netherlands  
- "Bèta en Techniek", Nature and Technology profile
- 2017-2020    *Bachelor's Degree in Computer Science Engineering*  
**Polytechnic University of Milan** / Piazza Leonardo da Vinci, 32, 20133 Milano MI, Italy  
- Final Grade: 99/110, Final thesis based on a Software Engineering project: Santorini board game
- 2020 - NOW    *Double degree, Master of Science program - Human Computer Interaction & Design*  
**EIT Digital Master School double Degree Program**  
Entry University: **Polytechnic University of Milan** / Piazza Leonardo da Vinci, 32, 20133 Milano MI, Italy  
Exit University: **Université Paris-Saclay** / 3 rue Joliot Curie, 91190 Gif-sur-Yvette, France

## LANGUAGES

ITALIAN	ENGLISH	FRENCH	DUTCH
Native Speaker	C1 - Advanced	A2 - Base	A2 - Base

## SKILLS

### Currently programming with

Java, JEE, JPA, Javascript, CSS, HTML, MySQL, Unity, C#, Vue, Nuxt, Node.js

### Scholastic level knowledge

Python for Recommender Systems, VHDL, C, Photoshop, Indesign, Swift, LaTeX

### Soft Skills

Problem solving, Team work, Reliability, Planning, Logic, Curiosity, Multicultural communication.

## RELEVANT PROJECTS

- MuseX - Advanced User Interfaces Project*  
MuseX is a smart space software that proposes a 360° experience inside a Natural History Museum. MuseX combines the features of interactive technologies and multi sensory experiences as it was designed to fit the Magic Room technologies developed in the i3Lab of Polytechnic of Milan. The team used Unity and Visual Studio, programming interactions in C#.   
**GitHub Repository:** <https://github.com/AlessandroCorsini/MRMuseum-AUI2020-2021>
- Invasion - Hypermedia Application Project*  
As a front-end based project, Invasion aims at creating a website for a company figment of imagination with a special attention on usability, accessibility and user experience. The project is developed using Nuxt and Vue frameworks for the front-end, while Node.js and Express were used for a simple back-end, with the help of a PostgreSQL database.   
**GitHub Repository:** [https://github.com/FedericaBucchieri/Invasion\\_2020\\_21\\_HYP](https://github.com/FedericaBucchieri/Invasion_2020_21_HYP)