

Chiara Boni

Software Developer

Contacts

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🌐 <https://chiarabn.github.io/>

Languages

- Italian (native speaker)
- English (B2)

Profile

I am a software developer passionate about innovative digital solutions, interested in both design and development.

I enjoy exploring how technology tools can be used to create engaging and interactive experiences, with a focus on inclusivity.

Work experiences

Centro Nazionale Ricerche - Istitute ISTI

2025

Software developer, research fellowship

Study and management of 3D data, including scanning and image reconstruction techniques. Development of a library based on ThreeJS for the visualisation, manipulation and integration of 3D models, aimed at creating immersive scenes for VR/XR applications in the field of cultural heritage.

NTT DATA S.p.a.

2022 - 2024

Software developer

Front-end development using the Angular framework, UX/UI design with Figma, formal requirements analysis, and data flow development using Google Cloud Platform.

BAYKER ITALIA S.p.a.

June - July 2014

Employee

Back office employee in the sales department, providing support in the development of the e-commerce section of the company website.

Education

TRECCANI ACCADEMIA

2024 - 2025

Master on digital and immersive technologies for art and culture

Designing, developing and implementing digital projects for application in the cultural and museum sector.

Development of cultural video games, creation of immersive video mapping, study of artificial intelligence applied to cultural contexts and analysis of augmented reality tools.

UNIVERSITY OF PISA

2019 - 2022

Master's Degree, "Software: Programming, Principles, and Technologies"

Title: Data Aggregation using Homomorphic Encryption in Mobile CrowdSensing context.

Analysis of a mobile sensor network, with a focus on security issues related to data aggregation processes. A solution has been proposed to strengthen security through the use of homomorphic encryption based on redundant residual numbers (RRNS).

Technologies: Pandas, GeoPy, Palisade.

Grade: 109/110

Bachelor's Degree in Computer Science

Title: Creation of an smart dashboard for composing tweets in the field of cultural heritage for Android devices.

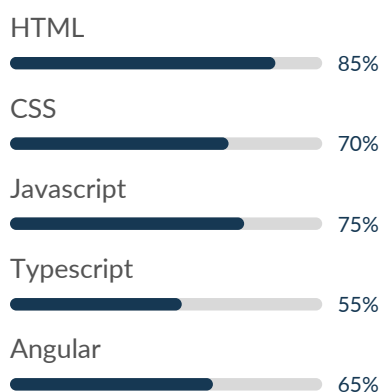
Development of a classifier model for the textual analysis of tweets, capable of understanding their effect on the public, to be included in a dashboard for mobile devices.

Technologies: Pandas, Scikit-learn, Seaborn, Android Studio.

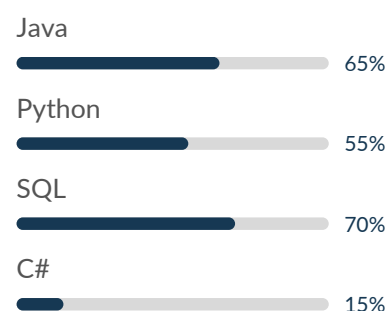
Grade: 103/110

Technical skills

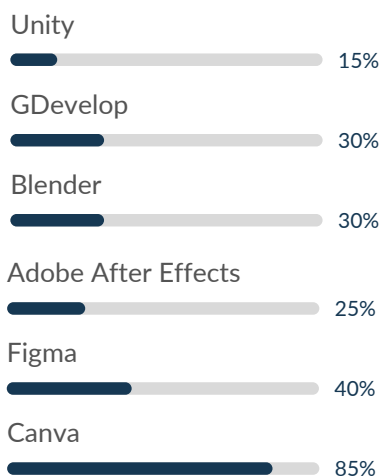
Web programming



Languages



Games & Modeling



IDEs & Platforms

