



PAOLA PERSICO

SOFTWARE DEVELOPER

Master's degree in Computer Science with honours at University of Bologna, with international internship experience in software development and open source contributions. Eager to use my problem solving, adaptability, communication skills and innate curiosity to build, fix, and improve software.

CONTACT

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SKILLS

- **Python** (Pandas, Numpy, Scikit-learn, Pytorch)
- **C#** (Visual Studio, Unity)
- **JavaScript** (jQuery, Node.js, Express.js)
- **PHP** (CodeIgniter)
- **Java** (Android Studio)
- **SQL** (MySQL, PostgreSQL)
- **HTML/CSS** (Bootstrap)
- **C**
- **Git**
- **Docker**

LANGUAGES

- Italian (Mother tongue)
- English (C1, Cambridge Cert.)
- French (B1)
- German (A2)

INTERESTS

- Home Automation
- Videogames & board games
- Trekking

WORK EXPERIENCE

TicketSms Srl

Web Development Intern

May 2022 - Jun. 2022

- Developed a PHP library to integrate ClickUp into the system

Alma Mater Studiorum - Università di Bologna

Teaching Assistant

Sep. 2020 - Aug. 2021

- Provided teaching support for the course on Numerical Analysis

Global Voices Ltd

Software Development Intern

Apr. 2019 - Jul. 2019

- Tested, debugged, optimized web pages using PHP framework CodeIgniter for the launch of new company platforms
- Developed a Java software to automatically highlight math formulas in PDF documents to support translation
- Won the Honours Award granted to outstanding trainees

EDUCATION

Alma Mater Studiorum - Università di Bologna

Master's Degree in Computer Science

2019 - 2023

- Score: **110/110 cum laude** with thesis: *"A privacy-preserving AI-based Intent Recognition engine with Probabilistic Spell-Editing for an Italian Smart Home Voice Assistant"*

Università degli Studi di Urbino Carlo Bo

Bachelor's Degree in Applied Computer Science

2015 - 2019

- Score: **110/110 cum laude** with thesis: *"Methods and tools for the development of Augmented Reality Android applications"*
- Student representative in the course council and founding member of the student organization "GAP Urbino"
- Won a grant assigned to the 100 top students in the University two years in a row

Liceo Scientifico G. Salvemini di Sorrento

High School Diploma

2009 - 2014

- Score: **100/100 cum laude**

PROJECTS

BoloFence (team project)

- Developed an activity-aware geofencing platform for Bologna, composed of an Android app, a server, and a web client for Data Analysis
- Tech: Java, Retrofit2, CodeIgniter, PostgreSQL, JavaScript, QGIS

CloudChain (individual project)

- Developed a prototype of a cloud storage platform with blockchain-based automated accountability
- Tech: Consensus Quorum, Solidity, Express.js, Web3, Truffle