



Paola Persico

Software Developer



paolapersico95@gmail.com



Turin, Italy



linkedin.com/in/paola-persico-963197131



github.com/emilypeek1

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

UML

Docker

Languages

Italian: Mothertongue

English: C1 (Cambridge Certificate)

French: B1

German: A2

Interests

Smart home, videogames, civil rights

About

Master's degree with honours in Computer Science from University of Bologna. International internship experience in full-stack web development. Eager to use my determination in problem solving, adaptability, communication skills and innate curiosity for interesting projects.

Experience

TicketSms Srl

Web Developer 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
- Provided assistance for the Wolfram Mathematica laboratory

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 (Sep. 2019 - Oct. 2023)

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

Università degli Studi di Urbino Carlo Bo

Bachelor's Degree in Applied Computer Science (Sep. 2015 - Feb. 2019)

- Thesis: "Methods and tools for the development of Augmented Reality Android applications"
- Score: 110/110 cum laude
- Won a grant assigned to the 100 top students in the University two years in a row
- Founding member of the student organization "GAP Urbino"
- Student representative in the Course Council

Liceo Scientifico G. Salvemini di Sorrento

High School Diploma (Sep. 2009 - Jun. 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
- Technologies: Java, Android Studio, Retrofit 2, CodeIgniter, PostgreSQL, JavaScript, QGIS

CloudChain (individual project)

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

Trasport-Mode-Detection (team project)

- Implemented a variety of Machine Learning algorithms to classify transport mode using mobile sensors measurements
- Technologies: Python, Pandas, Scikit-learn, PyTorch