



# Massimo Pavoni

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Date of birth: 20 Sep 2000 | **Nationality:** Italian | [maspavoni@gmail.com](mailto:maspavoni@gmail.com) | [massimopavoni.github.io](https://massimopavoni.github.io)

## ● WORK EXPERIENCE

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16 SEP 2018 – 4 OCT 2018 – Camerano, AN, Italy

### **SOFTWARE DEVELOPER – ANTOS BUSINESS TOOLS**

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120 hours for the mandatory [ministerial project](#) of school work experience.

Creation of an automated information service with human like interaction using the previously developed API and natural language processing.

- Microsoft Azure Cloud Computing Services
- Microsoft Bot Framework
- Microsoft Cognitive Services LUIS

Information and communication | [www.antos.it](http://www.antos.it) | 6/8, Via dell'Industria, 60021, Camerano, AN, Italy

7 JUN 2018 – 4 JUL 2018 – Angeli di Rosora, AN, Italy

### **LEAD SOFTWARE DEVELOPER – LOCCIONI GROUP**

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160 hours for the mandatory [ministerial project](#) of school work experience.

Coordination of the dev team that created the computer vision measurement bench software of the 2018 Loccioni's project "Classe Virtuale".

- EmguCV (.NET wrapper for OpenCV)
- Versioning with Git

Information and communication | [www.loccioni.com](http://www.loccioni.com) | 16, Via Fiume, 60030, Angeli di Rosora, AN, Italy

25 FEB 2018 – 22 MAR 2018 – Camerano, AN, Italy

### **SOFTWARE DEVELOPER – ANTOS BUSINESS TOOLS**

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160 hours for the mandatory [ministerial project](#) of school work experience.

Creation of a new Rest API and annexed website to check information on a database.

- C# .NET Core
- Microsoft SQL Server
- Angular 5

14 MAY 2017 – 1 JUN 2017 – Camerano, AN, Italy

### **SOFTWARE DEVELOPER – ANTOS BUSINESS TOOLS**

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120 hours for the mandatory [ministerial project](#) of school work experience.

Creation of a desktop application to query existing Rest API management software connected to database.

- C# Windows Forms

## ● EDUCATION AND TRAINING

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15 SEP 2019 – CURRENT – 39, Via Sesto, Cremona, Italy

**BACHELOR'S DEGREE IN COMPUTER SCIENCE AND ENGINEERING** – Politecnico di Milano

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### Field(s) of study

- Computer Science and Engineering

EQF level 6 | [www.polo-cremona.polimi.it](http://www.polo-cremona.polimi.it)

AUG 2014 – JUL 2019 – 36, Via Esino, Torrette, AN, Italy

**SECONDARY SCHOOL DIPLOMA IN INFORMATION TECHNOLOGY** – IIS Volterra-Elia

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- English Language, Mathematics, History, Italian Language
- Information Technology, Systems and Networks, Technologies and Designing of IT and Telecommunication Systems

### Field(s) of study

- Information Technology

Top grade (100/100 cum laude) | EQF level 4 | [www.istitutovolterraelia.it](http://www.istitutovolterraelia.it)

## ● DIGITAL SKILLS

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### My Digital Skills

#### Programming Languages

Python | C# | Java | C/C++ | JavaScript | HTML | CSS

#### Integrated Development Environments

Visual Studio/Visual Studio Code | PyCharm

#### Databases

Relational Databases | Microsoft SQL Server Management Studio | SQL | MySQL/MariaDB | SQLite

#### Technologies and Miscellaneous

Git | Object-Oriented Programming | .NET Framework/Core | JSON | XML | RESTful API | Markdown | Angular | ArchLinux | Discord | Ubuntu | GitHub | Docker | Linux | Microsoft Office | Microsoft Windows

## ● LANGUAGE SKILLS

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Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	B2	B2	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● COURSES

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### Courses

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[Coursera](#) and [Stanford Online](#) Machine Learning course taught by [Andrew Ng](#)

- Foundations and advanced concepts in machine learning, indicative 11 weeks duration with [final certificate](#)

[AISTAP](#) summer camp

- Beginner robotics course attended in 2015 at the [IIT \(Istituto Italiano di Tecnologia\)](#) headquarters of Milano and Genova (about 2 weeks)

Swift University course

- Beginner Swift iOS programming course attended in 2017 in Padova (about 32 hours)

First Certificate in English, achieved with Grade A (CEFR level of C1 acknowledged by Cambridge Assessment English)

English abroad summer courses

- 60 hours English course (4 weeks) with London Bridge Centre at [King's College](#) (London) in 2016, acknowledged CEFR level of B2
- 60 hours English course (4 weeks) with Ardmore Language School at [Leith Academy](#) (Leith, Edinburgh) in 2017, acknowledged CEFR level of C1
- 30 hours English course (2 weeks) at [Manhattan College](#) (New York City) in 2018, acknowledged CEFR level of advanced C1
- 30 hours English course (2 weeks) at [Keiser University](#) (West Palm Beach, north of Miami) in 2019, acknowledged CEFR level of advanced C2

## ● PROJECTS

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DEC 2018 – JUL 2019

### Projects

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[2019 edition](#) of the [CyberChallenge](#) competition

- Intensive cyber security course of 3 months
- Member of the finalist team (InsHack@ti) of the [Università Politecnica delle Marche](#) (6th place in the final Capture The Flag team competition)

## ● NETWORKS AND MEMBERSHIPS

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### Memberships

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- Former member of AISTAP (Associazione Italiana per lo Sviluppo del Talento e della Plusdotazione) [www.aistap.org](http://www.aistap.org)

## ● ORGANISATIONAL SKILLS

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### Organisational skills

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- Team-leading skills (usually taking the role of coordinator in software development projects)

## ● **COMMUNICATION AND INTERPERSONAL SKILLS**

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### **Communication and interpersonal skills**

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- Communication skills in the context of a project group, gained through work experiences during secondary school
- Presentations skills, gained through project reports

## ● **HOBBIES AND INTERESTS**

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### **Hobbies and interests**

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- Tabletop RPG player and master
- Keen interest in chess, mahjong, risiko and many more similar board games
- Rubik's cube and twisty puzzles enthusiast
- Touch typing interest (between 60 and 90 wpm)
- Pianist since I was 10 years old
- SNSI freediver (-10 meters/-33 feet)

## ● **RECOMMENDATIONS**

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Teachers at IIS Volterra-Elia

- Prof. Marcello Pigni, IT
- Prof. Antonio Pistoia, Systems and Networks
- Prof. Giovanna Battistini, Technologies and Designing of IT and Telecommunication Systems

Antos Business Tools

- Faustina Principi, CFO
- Danilo Pasqualini, CMO

Loccioni Group

- Francesco De Stefano, Human Resources