Massimo Pavoni

Date of birth: 20 Sep 2000 | **Nationality:** Italian | maspavoni@gmail.com |

massimopavoni.github.io

WORK EXPERIENCE

16 SEP 2018 – 4 OCT 2018 – Camerano, AN, Italy
SOFTWARE DEVELOPER – ANTOS BUSINESS TOOLS

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 | 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

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 | 16, Via Fiume, 60030, Angeli di Rosora, AN, Italy

25 FEB 2018 – 22 MAR 2018 – Camerano, AN, Italy
SOFTWARE DEVELOPER – ANTOS BUSINESS TOOLS

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

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

15 SEP 2019 – CURRENT – 39, Via Sesto, Cremona, Italy
BACHELOR'S DEGREE IN COMPUTER SCIENCE AND ENGINEERING – Politecnico di Milano

Field(s) of study
- Computer Science and Engineering

EQF level 6 │ www.polo-cremona.polimi.it

AUG 2014 – JUL 2019 – 36, Via Esino, Torrette, AN, Italy
SECONDARY SCHOOL DIPLOMA IN INFORMATION TECHNOLOGY – IIS Volterra-Elia

- 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

DIGITAL SKILLS

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

Mother tongue(s):   **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	C1

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

COURSES

NOV 2021 – JAN 2022
Machine Learning

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

MAY 2018
First Certificate in English

Achieved with Grade A (CEFR level of C1 acknowledged by Cambridge English)

2015
AISTAP summer camp

Organized by AISTAP, with beginner robotics course attended at the IIT (Istituto Italiano di Tecnologia) headquarters of Milano and Genova (about 2 weeks)

2017
Swift University course

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

2016 – 2019
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

DEC 2018 – JUL 2019
CyberChallenge 2019 CTF

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 final Capture The Flag team competition)

NETWORKS AND MEMBERSHIPS

AISTAP

Former member of AISTAP (Associazione Italiana per lo Sviluppo del TAlento e della Plusdotazione)

● MANAGEMENT AND LEADERSHIP SKILLS

Team-leading

Usually taking the role of coordinator in small software development projects.

● COMMUNICATION AND INTERPERSONAL SKILLS

Team communication

In the context of a group project, gained through work experiences during secondary school and software groups for university exams' final tests.

Presentation

Used to present the work done, gained mainly through project reports.

● HOBBIES AND INTERESTS

Tabletop RPG player and master

- Dungeons & Dragons 3.5
- Cyberpunk 2020
- Traveller (Mongoose 2nd)
- Fate

Board games

- Chess
- Mahjong
- Risiko!

Cubing

Rubik's cube and twisty puzzles enthusiast, WCA member
- 3x3
- 2x2
- 4x4
- 5x5
- Skewb

Touch typing

Occasionally trying to improve (now between 60 and 100 wpm)

Piano

Pianist since I was 10 years old (now mainly a hobby)

SNSI freediver

Passed course for freediving (-10 meters/-33 feet)

RECOMMENDATIONS

Prof. Marcello Pigini – Teacher at IIS Volterra-Elia

Information Technology professor

Prof. Antonio Pistoia – Teacher at IIS Volterra-Elia

Systems and Networks professor

Prof. Giovanna Battistini – Teacher at IIS Volterra-Elia

Technologies and Design of IT and Telecommunication Systems professor

Faustina Principi – Management at Antos Business Tools

Chief Financial Officer

Danilo Pasqualini – Management at Antos Business Tools

Chief Marketing Officer

Francesco De Stefano – Human Resources at Loccioni Group

Human Resources Officer

Prof. Marcello Pigini – Teacher at IIS Volterra-Elia

Information Technology professor