Devis Dal Moro

Date of birth: 02/09/1997 | **Nationality:** Italian | **Gender:** Male |

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Casale Nuovo 86, 31030, Borso del Grappa, Italy

• WORK EXPERIENCE

02/09/2016 – CURRENT
TUTOR

- IT courses for the use of PC and smartphone dedicated to elderly people
- Private lessons to help students

06/04/2021 – 31/08/2021 – Trento, Italy
ROS2 SOFTWARE DEVELOPER – UNIVERSITY OF TRENTO

Design and development of a BDI framework for ROS2, exploiting a planning system to foster the adaptability of the robotic agent to evolving scenarios, while maintaining at the same time a level of expressiveness such that it facilitates the creation of a trustworthy relationship between the end-user and the running system. The elaborated work has led me to write my Master's Thesis.

C++ / Python / ROS2

02/09/2016 – 01/02/2020
SOFTWARE DEVELOPER – FREELANCE DEVELOPER

Development of web, mobile and desktop applications for nearby firms and schools.

HTML, CSS, Bootstrap / PHP / nodeJS / Android (Java) / C# / MySQL

25/02/2019 – 14/06/2019 – Trento, Italy
WEB DEVELOPER – UNIVERSITY OF TRENTO

Design and development of a common REST interface towards heterogeneous computer vision API offered by major vendors (such as AWS, Azure and Google Cloud) aiming to guarantee a more intuitive use with a fewer number of interactions. The project has seen me involved with technologies like NodeJS, PHP, Heroku, OpenAPI, Travis and has allowed me to write down my bachelor thesis.

node.js / PHP / MySQL

24/08/2015 – 18/09/2015 – Prestatyn (Wales), United Kingdom
PROGRAMMER – ACCENT SOFTWARE LTD

Internship as part of the Erasmus+ experience which had seen me involved in the development of a Delphi application for the analysis of accounting data stored in a local database queried using MySQL.

Delphi / MySQL

25/05/2015 – 10/06/2015 – Mussolente, Italy
PROGRAMMER – IVYNET SRL

Design and development of an Android application for a more efficient technical interaction between staff and customers.

Android (Java)

EDUCATION AND TRAINING

16/09/2019 – 20/10/2021 – Trento, Italy
MASTER DEGREE IN COMPUTER SCIENCE – University of Trento

Improved my software design and development capabilities for big distributed and scalable systems as well as my understanding in the field of Artificial Intelligence along with my knowledge and skills applied towards the Cloud Computing environment.
Field(s) of study
- Software and Service Architectures

Thesis: A planning based Multi-Agent BDI architecture for ROS2

110L / 110 ┃ EQF level 7

13/09/2016 – 17/07/2019 – Trento, Italy
BACHELOR DEGREE IN COMPUTER SCIENCE – University of Trento

Acquired a widespread knowledge related to the design, engineering and development of software; furthermore, I've improved my logical, mathematical and problem-solving skills, as well as my understanding of algorithms, data structures, operative systems, networks and databases.
Field(s) of study
- Information and Communication Technologies

Thesis: CogniAPI, un layer di astrazione per i servizi cognitivi emergenti

110L / 110 ┃ EQF level 6

12/09/2011 – 07/07/2016 – Bassano del Grappa, Italy
HIGH SCHOOL DEGREE – Istituto Statale Tecnico Industriale "Enrico Fermi"

Laid the foundations for my CS-related knowledge and competencies:
- Fundamentals of programming, algorithms and data structures
- Object-oriented programming
- Web programming (PHP, CSS, HTML, Bootstrap,js,..)
- Network and systems
- Project Management and Business Organization in ICT

100 / 100 ┃ EQF level 5

DIGITAL SKILLS

Programming

Basic knowledge of PHP programming language ┃ Robot Operating System 2 (ROS2) ┃ C / C++ / C# ┃ Python ┃ HTML/CSS/JS/NodeJS ┃ Android (Kotlin, Java) ┃ J2EE, AngularJS, AJAX, Bootstrap

Devops

heroku ┃ Administration services of Linux with DB MYSQL ┃ Cisco CCNA Routing Switching ┃ Versioning: Git, Github ┃ AWS EC2 ┃ Travis CI

Basic skills

Windows ┃ Microsoft Office ┃ Debian Linux ┃ Google Drive

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

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

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

ORGANISATIONAL SKILLS

Organisational skills

During my academic years, I've frequently had to take group projects and in those cases I've always tried to keep the right balance inside the team, to manage the situation in the best way possible, constantly maintaining a flexible, collaborative spirit and making everybody feel involved.

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Good speeching skills, acquired through tutoring, teaching and related activities.
- Discrete relational competencies gained during my small experience as a freelance developer, while dealing with numerous interactions with clients and end-users.

The activities mentioned above lead me to have a better understanding and comprehension of how to discuss ICT contents when you are going to relate to people which don't have strong knowledge in CS.

JOB-RELATED SKILLS

Job-related skills

I've developed small software solutions for schools and/or firms, principally web-based, managing the whole process on my own (from the requirement elicitation to the final deployment and testing followed by maintenance activities), but also within small development teams (2-3 people).
I've held IT and smartphone courses for elderly people, which want to approach the world of technology.
I have basic notions in terms of security in the workplace, especially for what regards ICT security, which aims to prevent our personal health, but also to protect the organizational content.

HOBBIES AND INTERESTS

Free time activities

- Running, basket, pilates
- Movies and reading