



Daniele Menchetti

Nationality: Italian **Date of birth:** 21/03/1998 **Gender:** Male

Phone number: (+39) 3469596493

Email address: danielemenchetti123@gmail.com

Whatsapp Messenger: +39 346 9596 493

LinkedIn: <https://www.linkedin.com/in/daniele-menchetti-077b71163/>

Github: <https://github.com/DanieleMenchetti>

Home: Street Contea 4, Chiassa Superiore, 52100 Arezzo (Italy)

ABOUT ME

Daniele Menchetti, Computer Engineer, born in '98.
AI, Computer Vision, .NET and Android lover.

WORK EXPERIENCE

Software Engineer

Ars Automation [09/01/2023 – 04/08/2023]

City: Arezzo

Country: Italy

Website: <https://www.arsautomation.com/>

Research and development of software focused on robotics and computer vision:

- Analysis and implementation of software for Yaskawa robots.
- Development of software with tracking system for ABB robots.
- Use of COGNEX algorithms and tools for object recognition.

Development of mobile application for communication with ARS FlexiBowl.

Participation in the Automatica fair in Munich 2023 where I contributed to the presentation of the robot demo ABB with tracking system and the launch of the new FlexiBowl product by ARS. Here, I had the opportunity to meet representatives of other companies and visitors and talk about possible implementations of ARS systems. Furthermore, I explored the current state of the art of automation and robotics.

Intern

Computer Vision LAB, DISI, University of Bologna [30/03/2022 – 05/12/2022]

City: Bologna

Country: Italy

Website: <http://www.vision.deis.unibo.it/>

Thesis internship.

Intern

Applyx S.r.l. [09/01/2017 – 14/01/2017]

City: Arezzo

Country: Italy

What I did:

- Develop software for windows using C#.
- Create an e-mail client using API.

Intern

Max Media S.r.l. [20/06/2016 – 15/07/2016]

City: Arezzo

Country: Italy

What I did:

- Create a website with CSS and RWD (Responsive Web Design).
- Interaction with database.
- Adobe Photoshop to adapt images on the site.

EDUCATION AND TRAINING

Master's degree in Computer Engineering

Alma Mater Studiorum - Università di Bologna [16/09/2020 – 06/12/2022]

Address: Street Zamboni, 33, 40126 Bologna (Italy)

Website: www.unibo.it

Final grade: 110/110 cum laude

Thesis: Domain adaptation for point cloud classification based on pseudo-labels

Link: <https://amslaurea.unibo.it/27341/>

Bachelor's degree in Computer Engineering

Alma Mater Studiorum - Università di Bologna [19/09/2017 – 09/10/2020]

Address: Street Zamboni, 33, 40126 Bologna (Italy)

Website: www.unibo.it

Final grade: 107/110

Thesis: Development of a software for object tracking based on deep learning

High School Diploma in IT

Istituto Tecnico Industriale Statale Galileo Galilei [12/09/2012 – 10/06/2017]

Address: Street Menci,1, 52100 Arezzo

Website: www.itis.arezzo.it

Final grade: 100/100

Secondary School Diploma

Istituto Comprensivo A. Cesalpino [14/09/2009 – 09/06/2012]

Address: Street Porta Buia, 52100 Arezzo (Italy)

Website: www.iccesalpino.gov.it

Final grade: 8/10

JOB-RELATED SKILLS

IT skills

- Computer skills with Windows OS and Linux OS (Debian, Ubuntu, Raspbian).
- Great ability in developing software application.
- Good ability in developing mobile application.
- Great ability in developing websites with database interaction.
- Great ability in the engineering analysis of software systems (from requirements analysis to final design).
- Great knowledge of symbolic and subsymbolic (neural networks) AI.

- Known languages: Python, Java, Javascript, TypeScript, Shell scripting, Prolog, C, C++, C#, PHP, MySQL, HTML, CSS.
- Known frameworks: React-Native, NodeJS, TensorFlow, PyTorch, OpenCV, .NET.

LANGUAGE SKILLS

Mother tongue(s): **Italian**

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

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

OTHER SKILLS

Solving problems on LeetCode

- I solved 16 problems on [LeetCode](https://leetcode.com/) including 4 easy, 8 medium and 4 hard.

CERTIFICATIONS

TensorFlow Developer Certificate

[13/11/2021]

Link: <https://www.credential.net/d22e8109-8a50-4dd0-96ea-e18b0da608f6>

IELTS Academic

[15/01/2022]

Overall score: 6.0

React Native - The Practical Guide

[26/08/2018]

Link: <https://www.udemy.com/certificate/UC-SDZUR3KG/>

TensorFlow Developer Certificate in 2022: Zero to Mastery

[31/10/2021]

Link: <https://www.udemy.com/certificate/UC-9ad3d46f-f2b2-4d85-9fdd-102054afa535/>

Deep Learning e Reti Neurali con Python: il Corso Pratico

[03/05/2020]

Link: <https://www.udemy.com/certificate/UC-47da69cd-70d3-4c0f-845a-07dac5e5f35e/>

VOLUNTEERING

AVIS donor

[05/2022]

I authorize the processing of my personal data in the CV pursuant to art. 13 d. lgs. June 30, 2003 no. 196 - "Code regarding the protection of personal data" and of the art. 13 GDPR 679/16 - "European regulation on personal data protection".