



## Davide Ferrari

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**Phone number:** (+39) 0522308698

**Gender:** Male **Date of birth:** 17/05/1995 **Nationality:** Italian

### WORK EXPERIENCE

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[ 01/11/2021 – Current ] **PhD Student**

**Università degli Studi di Modena e Reggio Emilia** <https://www.unimore.it/>

**Address:** Piazzale Europa 1, 42124, Reggio nell' Emilia, Italy

**City:** Reggio Emilia

**Country:** Italy

**Business or sector:** Education

**Main activities and responsibilities:**

Development of a human-robot communication architecture using a multimodal fusion of multiple communication channels, at the [ARS Control Lab](#) collaborative robotics laboratory, UNIMORE.

[ 01/06/2020 – 31/10/2021 ] **Research Fellow**

**Università degli Studi di Modena e Reggio Emilia** <https://www.unimore.it/>

**Address:** Viale A. Allegri 9, 42121, Reggio Emilia, Italy

**City:** Reggio Emilia

**Country:** Italy

**Business or sector:** Education

**Main activities and responsibilities:**

Winner of the university call for a research grant at the [ARS Control Lab](#), UNIMORE.

Development of a visual servoing system for a collaborative manipulator on a mobile basis in the context of ROSSINI project - RObot enhanced SenSing, INTelligence and actuation to Improve job quality in manufacturing as part of the HORIZON 2020 – H2020-NMBP-TR-IND-2018-2020/H2020-NMBP-FOF-2018 GA nr. 818087.

[ 2015 – 2019 ] **learning mentor**

**Main activities and responsibilities:**

Private tutoring in scientific disciplines

### EDUCATION AND TRAINING

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[ 10/2017 – 04/2020 ] **Master's Degree in Mechatronic Engineering**

**Università degli Studi di Modena e Reggio Emilia** <https://www.unimore.it/>

**Address:** Viale A. Allegri 9, 42121, Reggio Emilia, Italy

**Main subject / occupational skills covered:**

Thesis title: "Hardware and Software Implementation of a Mobile Collaborative Platform for Picking Tasks"

- Vote 106/110

[ 10/2019 – 03/2020 ] **Internship at the ARS Control UNIMORE Laboratory**

**Laboratorio ARS Control, UNIMORE** <https://www.arscontrol.org/>

**Address:** Piazzale Europa 1, 42124, Reggio Emilia, Italy

**Main subject / occupational skills covered:**

ARS Control: Research group of the University of Modena and Reggio Emilia in Automation, Robotics and Control Systems.

Internship Objectives: Development and control of a Mobile Collaborative Robotics Platform for Picking tasks.

[ 09/2014 – 10/2017 ] **Bachelor's Degree in Mechatronic Engineering**

**Università degli Studi di Modena e Reggio Emilia** <https://www.unimore.it>

**Address:** Viale A. Allegri 9, 42121, Reggio Emilia, Italy

**Main subject / occupational skills covered:**

Thesis title: "Use of ArduinoUNO modules for monitoring environmental parameters: creation and control of a group of robots interfaced with a central server"

- Vote 104/110

[ 02/2017 – 09/2017 ] **Internship at the UNIMORE IT Research Group**

**Università degli Studi di Modena e Reggio Emilia**

**Address:** Reggio Emilia, Italy

**Main subject / occupational skills covered:**

Creation of a Group of Robots consisting of ArduinoUNO modules for monitoring environmental parameters.

Programming of a central interface server for the management and control of individual robots.

[ 09/2009 – 07/2014 ] **Scientific High School Diploma**

**Liceo Scientifico Statale "Aldo Moro"** <https://liceomoro.edu.it/>

**Address:** Via XX Settembre, 5, 42124, Reggio Emilia, Italy

**Main subject / occupational skills covered:**

◦ Vote: 83/100

## LANGUAGE SKILLS

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**Mother tongue(s):** Italian

**Other language(s):**

### English

**LISTENING B2 READING B2 WRITING B1**

**SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1**

### French

**LISTENING A1 READING A1 WRITING A1**

**SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1**

## DIGITAL SKILLS

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### Linguaggi di Programmazione

C , C++ , Python | HTML, XML, JSON | Coding HTML | Batch Scripting | Linux BaSh  
| Robot Operating System (ROS)

### Software

Padronanza del Pacchetto Office (Word Excel PowerPoint ecc) | Adobe Suite (Photoshop  
Illustrator Lightroom Premiere) | Conoscenza base di 3D CAD design software  
(SOLIDWORKS) | Editing foto e video

### Sistemi Operativi

sistemi operativi noti: Windows, linux e MacOS. | Utilizzo sistemi Android e IOS | Buon  
a padronanza del pc dei software ad esso correlati e del pacchetto Office

## HONOURS AND AWARDS

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### Honors and awards

I ° classified at the IT Olympics in the province of Reggio Emilia A.S. 2010/2011

V ° classified at the National Olympics of Mathematics for teams A.S. 2011/2012

## TRATTAMENTO DEI DATI PERSONALI

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### Trattamento dei dati personali

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 del [Regolamento UE 2016/679 relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali](#).