



# FABIO FUSARO

## CURRICULUM VITAE



Born / 09/03/1995 Age / 25  
Place of birth / GENOVA (GE)  
Nationality / citizenship / Italy  
Address / Via Ayroli, 16143 GENOVA (GE)  
Driving licence / B / Car available  
ID / 4574155 updated on 03/08/20

✉ [fabio.fusaro@outlook.it](mailto:fabio.fusaro@outlook.it)  
☎ 3481484837  
☎ 010 503673  
🌐 <https://github.com/fafux>  
🖥 [iit.it/component/people/fabio-...](http://iit.it/component/people/fabio-...)

### SOFT SKILL

Autonomy 9/10  
Self confidence 10/10  
Flexibility/Adaptability 10/10  
Resistance to stress 9/10  
Ability to plan and organize 10/10  
Managing information 9/10  
Precision/Attention to details 10/10  
Learn continuously 10/10  
Achievement of objectives 9/10  
Entrepreneurial spirit and initiative 10/10  
Communication 10/10  
Problem Solving 9/10  
Team work 10/10  
Leadership 10/10

### FOREIGN LANGUAGE SKILLS

MOTHER TONGUE(S): Spanish



ENGLISH GOOD B1 B2 B2 B1 B2

### DIGITAL COMPETENCES

**Self-assessment grid**   
Information processing **Proficient user**  
Communication **Proficient user**  
Content creation **Independent user**  
Safety **Proficient user**  
Problem solving **Proficient user**

### EXPECTATIONS AND FEATURES OF THE DESIRED JOB

INTENTION TO CONTINUE STUDIES: **Yes** /  
Doctoral studies  
ECONOMIC SECTOR: **1.** education, training, research and development

### Career Goal

*I would like to apply the knowledge in the field of Robotics Engineering or Automation, in particular the control of collaborative robots, autonomous agents and manipulators and the artificial intelligence of such agents.*



### WORK EXPERIENCES

Undergraduate Internship  
**ISTITUTO ITALIANO DI TECNOLOGIA**  
2019 - 2019

**Main activities and responsibilities:** Elaborato di Tesi  
Employed as: intern/trainee - undergraduate internship | Number of hours: 1200

### other information

Currently employed: No  
Work experience made during studies: Yes



### ACADEMIC STUDIES

PH.D.  
2020 - 2023  
**ONGOING STUDIES**



**Politecnico di MILANO**  
**Faculty: Ingegneria Bioingegneria**  
**pHd cycle: 35**  
Expected graduation date: 2023

MASTER'S DEGREE  
2017 - 2019  
**CERTIFIED TITLE**



**Università degli Studi di GENOVA**  
**Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi**  
**Robotics engineering**  
LM-32 - 2nd level degree in Computer engineering  
Dissertation/thesis title: Autonomous Navigation Of A Mobile Collaborative Robotic Assistant In A Mixed Human-Robot Environment | Dissertation/thesis subject: SISTEMI DI ELABORAZIONE DELLE INFORMAZIONI | Thesis supervisor: FULVIO MASTROGIOVANNI  
Age at graduation: 24 | Official duration: 2 years  
Final degree mark: **110/110**  
Graduation date: 29/10/2019

BACHELOR'S DEGREE  
2014 - 2017  
**CERTIFIED TITLE**



**Università degli Studi di GENOVA**  
**Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi**  
**Ingegneria biomedica**  
L-8 - 1st level degree in Information technology  
Dissertation/thesis title: SVILUPPO DELL'INTERFACCIA GRAFICA DEL SIMULATORE DI PARTO, IMPLEMENTAZIONE DI UN SISTEMA DI GESTIONE DATI GENERATI DAL PROGETTO EBSIM. | Dissertation/thesis subject: INFORMATICA | Thesis supervisor: MAURA CASADIO  
Age at graduation: 22 | Official duration: 3 years  
Final degree mark: **100/110**  
Graduation date: 27/10/2017

CAREER FIELD: 1. Engineering and design  
DESIRED JOB:  
**Robotics/Automation Engineering**  
PREFERRED DISTRICT TO WORK IN: 1.  
**GENOVA**

**TECHNICAL CERTIFICATE**  
GENOVA  
2014

Surveyors Vocational School  
*I.T.G.S. - M.BUONARROTI* - , GENOVA (GE)  
School-leaving examination mark: **87/100**  
**Kind of secondary school diploma: Italian secondary school diploma**



## INFORMATION TECHNOLOGY SKILLS

### BASIC DIGITAL COMPETENCE

Operating systems **Excellent**  
Programming languages **Good**  
Word processing **Good**  
Electronic spreadsheet **Good**  
CAD skills **Good**  
Internet skills **Excellent**  
Multimedia **Fair**

### PROGRAMMING LANGUAGES KNOWN

**c, c++, phyton, latex, c#, Matlab**

### SOFTWARE APPLICATIONS

**ROS, Unity, CREO, Matlab, MPLAB-X, Anaconda, QTCreator, Simulink, Gazebo, RViz, git, linux, rtai**



## CONFERENCES AND SEMINARS

### CONFERENCES

19/10/2019

**I-RIM** , Roma  
Character: Poster  
[drive.google.com/file/d/1qmMqYeIYDeUKEf20Vwk...](https://drive.google.com/file/d/1qmMqYeIYDeUKEf20Vwk...)



## PUBLICATIONS

### JOURNAL ARTICLES

2020

**Balatti P, Fusaro F, Villa N, Lamon E, Ajoudani A**, A Collaborative Robotic Approach to Autonomous Pallet Jack Transportation and Positioning  
Review: IEEE ACCESS  
[ieeexplore.ieee.org/document/9153757](https://ieeexplore.ieee.org/document/9153757)

### TECHNICAL REPORT

2020

**Lamon E., Fusaro F., Balatti P., Kim W., Ajoudani A.**, A Visuo-Haptic Guidance Interface for the Mobile Collaborative Robotic Assistant (MOCA)  
Institution: IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)

### TECHNICAL REPORT

2019

**Lorenzini M, Fusaro F, Balatti P, De Momi E, Mastrogiovanni F, Kim W, Ajoudani A**, Toward a Synergistic Framework for Human-Robot Coexistence and Collaboration (HRC 2)  
Institution: I-RIM Conference  
Extended Abstract that was published and approved by I-RIM conference in Rome.  
Video link: <https://www.youtube.com/watch?v=JkJLUc5sMul&feature=youtu.be>  
[drive.google.com/file/d/1qmMqYeIYDeUKEf20Vwk...](https://drive.google.com/file/d/1qmMqYeIYDeUKEf20Vwk...)