

PERSONAL INFORMATION

Katia Di Blasio



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Gender Female | Date of birth 17 January 1992 | Nationality Italian

PREFERRED JOB

After the master degree I decided to continue my job at the Research Center “E. Piaggio” as fellow researcher, focusing on Haptics. I am looking for a new interesting experience as Robotics and Automation Engineer, in order to enhance my professional and personal skills.

WORK EXPERIENCE

July 2019 – Present

Research Fellow

Research Center “E. Piaggio” - Faculty of Engineering
University of Pisa
Largo Lucio Lazzarino 1
56122 Pisa, Italy

Study, design and testing of tactile sensing and feedback mechatronic solutions for advanced human-robot interaction.

Principal subjects/occupational skills covered: Signal Acquisition, Signal Analysis (Component Analysis Techniques, Mathematical Models, etc), Components choice and characterization, Firmware and C++ code writing, 3D device design, implementation in the ROS environment, experimental campaign.

EDUCATION AND TRAINING

2014–2019

ROBOTICS AND AUTOMATION ENGINEERING

EQF level 7

University of Pisa - Department of Information Engineering
2nd level degree - Master

Principal subjects/occupational skills covered:

Professional: 3D design, firmware, robotic control

Technologies: C, C++, Visual Studio, MATLAB, Creo Parametric, PSoC Creator, ROS

2010–2015

BIOMEDICAL ENGINEERING

EQF level 6

University of Pisa - Department of Information Engineering
1st level degree - Degree/Bachelor

Pre-university studies

Secondary school diploma: Scientific High School

School-leaving examination taken in (year): 2010

Italian secondary school diploma

PERSONAL SKILLS

Mother tongue **Italian**

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	C1	C1

English: Certificazione Lingua Inglese - CLI (Università di Pisa), 2015 - European level: B2

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
[Common European Framework of Reference for Languages](#)

Digital competences – **Basic digital competence:** Operating systems (Good), Programming languages (Good), Word processing (Good), Electronic spreadsheet (Good), CAD skills (Good), Internet skills (Good), Multimedia (Fair).
 – **Programming languages known:** C++, C, Visual Studio, Matlab, Mathematica.
 – **Software applications:** Gimp, PsoC Creator, Creo Parametric, Latex, Microsoft Office.

Active listening skills Good ability at asking questions, note-taking, organization, punctuality and verbal/nonverbal communication, acquired thanks to many years in the university environment.

Communication skills Good ability at active listening, constructive criticism, interpersonal communication, public speaking, verbal/nonverbal communication, written communication. These skills were acquired during the researcher job, where I had to show my work in some occasions and exhibitions.

Interpersonal skills Excellent team spirit and good ability to adapt to multicultural environments, achieved thanks to volunteer experiences and sports activities. Also during my job experience, I had to work in team and to collaborate with other people.

Management skills Good ability at decision-making, project planning, task delegation and team communication, to achieve team and personal goals.

Problem-solving skills Good attitude at collaboration, communication, patience and research.

Time management skills Good attitude at focusing on the own tasks, and good ability at goal setting, organization and prioritization, to respect time constraints.

Driving licence B, own car

PUBLICATIONS

Journal articles "Relaying the High-Frequency Contents of Tactile Feedback to Robotic Prosthesis Users: Design, Filtering, Implementation"; Fani, Di Blasio, Bianchi, Catalano, Grioli, Bicchi; IEEE Robotics and Automation Letters (2019).

DISCLAIMER

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.

Firma: