Personal information

Name / Surname	**Fabrizio Casati**
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Work experience

Feb 2018 - ongoing

Full Stack Developer

Reply S.p.A. (Italy)

- Work in an agile team of five people
- Meet with stakeholders and end users to understand their needs and problems
- Modify and extend the internal company software system to implement new functionalities
- Integrate the aforementioned system with third-party applications
- Debug, troubleshoot, and fix problems reported by the users

Feb 2017 - Oct 2017

Research Assistant

Institute of Networked and Embedded Systems at Alpen-Adria-Universität (Austria)

- Participated in meetings with the researchers of the institute in order to detect the best approaches to tackle the studied research problem
- Implemented the chosen strategies by modifying and extending preexisting code
- Collected and analyzed data by means of simulations and real experiments

2006 - 2016

Private Tutor

Self-employed (Italy)

- Worked one-on-one with middle and high school students in mathematics and computer science

Education and training

Oct 2015 - Apr 2018

Master of Science in Computer Science and Engineering

Politecnico di Milano

- Spent a period abroad at Alpen-Adria-Universität as part of my studies
- Master's thesis topic: ROS-based implementation and evaluation of an energy-aware multi-robot system
- Final mark: 110 (cum laude) out of 110

Oct 2012 - Sep 2015

Bachelor of Science in Computer Science and Engineering

Politecnico di Milano

- Bachelor's thesis topic: implementation of a board game in Java
- Final mark: 110 (cum laude) out of 110

Personal skills and competences

Mother tongue

Italian

Other languages

English

Listening	Reading	Speaking	Writing
C1	C1	C1	C1

Common European Framework of Reference (CEF) level

Social skills and competences	• Good communication skills, gained by working as a private tutor • Good ability to adapt to new environments, developed through my experience abroad • Basic teamwork skills, acquired by working on academic projects and during my work experience
Organisational skills and competences	• Good ability to work autonomously, gained through my experience as a research assistant
Main computer skills and competences	• *General skills and knowledge*: good object-oriented skills and good experience with data structures, algorithms, and software development; basic understanding of artificial intelligence and machine learning topics • *Programming languages*: good knowledge of C, C++, C#, Java, Python, and PL/SQL; basic knowledge of JavaScript, jQuery, Scheme, Haskell, Prolog, Scala, MATLAB, and Bash • *Operating systems*: good knowledge of Microsoft Windows and Ubuntu • *Robotics middleware*: good knowledge of ROS • *Other tools, systems, and environments*: good knowledge of Microsoft Visual Studio, Eclipse, PyCharm, Toad, git, LaTeX, and Microsoft Office
Other skills and competences	• Good analytical and critical thinking skills, developed during my academic studies and work experience

Additional information

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003 and the Regulation (EU) 2016/679 (General Data Protection Regulation), I hereby authorize the processing of my personal data contained in this document