Personal information

Name / Surname	**Fabrizio Casati**
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Work experience

Feb 2018 - present

Software Engineer

Machine Learning Reply

· I recently started working at Machine Learning Reply, the company of the Reply group specialized in artificial intelligence and machine learning

Feb 2017 - Oct 2017

Research Assistant

Institute of Networked and Embedded Systems at the University of Klagenfurt, Austria

· As part of my master's thesis work, I spent 8 months abroad working as a research assistant
· Main tasks: software development (using ROS, C++, gtest, etc.), data collection, data analysis

2006 - 2016

Private Tutor

Self-employed

· Worked one-on-one with middle and high school students in mathematics, physics and computer science
· The tutored students always improved their grade average of at least 2 points (out of 10)

Education and training

Oct 2015 - Apr 2018

Master of Science in Computer Science and Engineering

Politecnico di Milano

· Acquired the basic knowledge in the fields of artificial intelligence and machine learning
· Master's thesis abroad on coordinated energy-aware multi-robot exploration and recharging
· Expected final mark: 110/110

Oct 2012 - Sep 2015

Bachelor of Science in Computer Science and Engineering

Politecnico di Milano

· Gained the basic skills and knowledge to work as a computer engineer, such as programming and problem solving
· Bachelor's thesis: implementation of a board game (EFTAIOS) in Java
· Final mark: 110/110 cum laude

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 some academic projects and also by participating to some board and video games competitions; in some of these occasions I was also the team leader
Organisational skills and competences	· Good ability to work under pressure and autonomously, gained through my experience as a research assistant
Main computer skills and competences	· *Programming languages*: good knowledge of C, C++, Java, Python, SQL and Bash; basic knowledge of jQuery, Scheme, Haskell, Prolog, Scala and MATLAB · *Operating systems*: good knowledge of Microsoft Windows and Ubuntu · *Typesetting systems*: good knowledge of LaTeX and Microsoft Word, Excel and PowerPoint · *Robotics middleware*: good knowledge of ROS · *Other*: good object-oriented skills and good experience with data structures, algorithms and software development
Other skills and competences	· Good analytical and critical thinking skills, developed during my academic studies · Strong interest in working and developing new knowledge in the field of computer engineering

Additional information

Extracurricular interests	Reading, board games, video games
Other	More information about myself on my personal website and my LinkedIn profile In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize the processing of my personal data contained in this document