

## Personal information

Name / Surname

Phone

Email

Skype

Personal website

LinkedIn

**Fabrizio Casati**

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<https://fabriziocasati.github.io>

<https://www.linkedin.com/in/fabrizio-casati-engineer>

## Desired employment

Software engineer in the field of artificial intelligence or machine learning

## Education and training

Oct 2015 - present

*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 (ongoing): coordinated multi-robot exploration and recharging
- Expected final mark: 110/110

Feb 2017 - Sep 2017

*Master's thesis abroad*

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 and data analysis

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

## Work experience

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)

## Personal skills and competences

Mother tongue

Other languages

Italian

*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