

Curriculum Vitæ of CASATI FABRIZIO

Personal information

SURNAME Name CASATI Fabrizio
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Desired employment

Software engineer, possibly in the field of artificial intelligence or machine learning.

Education and training

Oct 2015 - ongoing *Master's degree in computer 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 with energy constraints.
- Expected final mark: 110/110.

Feb 2017 - Sep 2017 *Thesis abroad*
Institute of Networked and Embedded Systems at the University of Klagenfurt, Austria

- Worked as a research assistant, as part of my final year project. Main tasks: code implementation(using ROS and C++), data collection and data analysis.

Oct 2012 - Sep 2015 *Bachelor's degree in computer engineering*
Politecnico di Milano

- Gained the basic skills and knowledge to work as a computer engineer, such as programming, problem solving, etc.
- 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 achieved improvements in their grades (usually of 2 or 3 points over 10) and in their studying skills.

Personal skills and competences

Mother tongue Italian
Other languages
English

Listening	Reading	Speaking	Writing
C1	C2	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 team working 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 team leader.

Organisational skills
and competences

- Good ability to work under pressure and autonomously, gained through my experience as a research assistant.

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 OS.
- *Typesetting systems*: advanced knowledge of Microsoft Word, Excel and PowerPoint; good knowledge of LaTeX.
- *Web page creation*: basic knowledge of HTML and CSS.

Other skills
and competences

- Good analytical and critical thinking skills, developed thanks to 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.

Driving licence

B

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.