

Personal information

Name / Surname

Phone

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Fabrizio Casati

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Work experience

Feb 2018 - ongoing

Software Engineer

Reply S.p.A.

- Meet with stakeholders and end users to understand their needs and problems
- Modify and extend the internal company systems to provide new and improved functionalities
- Debug, troubleshoot, and fix preexisting code

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, data collection, data analysis

2006 - 2016

Private Tutor

Self-employed

- Work 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

- Master's thesis: coordinated energy-aware multi-robot exploration and recharging
- Final mark: 110/110 cum laude; average exam score: 29.35/30

Oct 2012 - Sep 2015

Bachelor of Science in Computer Science and Engineering

Politecnico di Milano

- Bachelor's thesis: implementation of a board game in Java
- Final mark: 110/110 cum laude; average exam score: 29.16/30

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

- *Programming languages*: good knowledge of C, C++, C#, Java, Python, and PL/SQL; basic knowledge of JavaScript, jQuery, Scheme, Haskell, Prolog, Scala, Bash, 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 and work experience
- Strong interest in working and developing new knowledge in the field of computer engineering

Additional information

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