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# Massimo Briceno

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*Curriculum Vitae (10 November, 2022)*

*"The computing scientist's main challenge is not to get  
confused by the complexities of his own making." - Edsger  
W. Dijkstra*

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## Education

07 June 2022 **Bachelor Degree in Information and Electronic Engineering**, *The University of Perugia*, Department Engineering (DI), Perugia, Italy, *Final mark: 96/110.*

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## Bachelor Thesis

Title **Implementation and experimentation of an algorithm for community detection in a graph.**

Supervisors Professor Emilio Di Giacomo & PhD Alessandra Tappini

Description This Thesis implements and experiments an algorithm to supplement in a graphs' visualization system. Such a system was initially equipped with other clustering algorithms, regard to which the intention is to improve performance in terms of quality of the discovered and computed clusters. The problem at issue has been solved implementing an algorithm which clusterizes the network with an opposite logic from the already equipped algorithms, computing not only one but more partitions, so that it can provide a partition with better quality in terms of modularity.

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## Experience (STEM)

July 2022 – **PLC & HMI Software engineer**, FRIGO IMPIANTI SRL, Via dei Lecci, 18, 06083  
October 2022 Bastia Umbra PG.

- *Type of employment:* Apprenticeship
- *Main activities and responsibilities:* HMI GUI developer, PLC program design and programming, remote assistance, supervision management and config., machinery testing, industrial low voltage plan design, DB reengineering

## Computer skills

Basic	HTML, CSS, C
Intermediate	PYTHON (e.g.: matplotlib, openos, xlutils, openwt, xlrd, xlwt), JAVA, JAVASCRIPT (d3), GIT, L <sup>A</sup> T <sub>E</sub> X, OpenOffice, Linux OS, Microsoft Windows
Advanced	POSTGRESQL, Computer Hardware and Support

## Languages

English	<b>Advanced</b>	<i>Con conversationally fluent</i>
Spanish	<b>Mother tongue</b>	<i>Con conversationally fluent</i>
Italian	<b>Mother tongue</b>	<i>Con conversationally fluent</i>