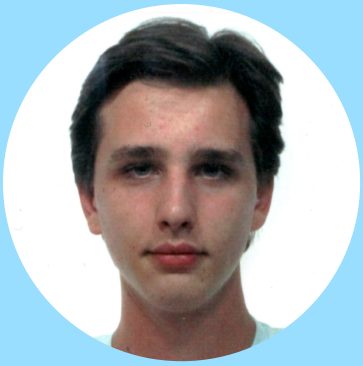

Giacomo Bossi

Computer Science Engineer

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About me

I have graduated in Computer Science and Engineering at Politecnico di Milano. I have a clear and logical mind with an abstract approach to problem-solving combined with organizational skills. I enjoy working in a team but also on my initiative

- Python
- C
- C++
- Java
- Scala
- Haskell
- Matlab

Education

2020 — M.Sc. Computer Science and Engineering — *Grade: 107/110*
Politecnico di Milano

2018 — M.Sc. Computer Science and Engineering — Erasmus Programme
NTUA - Εθνικό Μετσόβιο Πολυτεχνείο

2017 — B.Sc. Computer Science and Engineering
Politecnico di Milano

2013 — Diploma
Liceo Scientifico G. Marconi (Milan - Italy)

Language Proficiencies

Italian	Native or Bilingual Proficiency
English	Full Professional Proficiency
Greek	Limited Working Proficiency

Projects

2020 — DiNeSys - Distributed Neural Network System (Python)

Exploiting the potentiality of the Apache Thrift and Tensorflow frameworks, DiNeSys - Distributed Neural Network System - is able to create a testing environment to automate the profiling of the performances of applications that use Deep Neural Networks in a Continuum Computing Scenario, where Mobile Edges and Cloud Server are involved in a collaborative computing. (M. Sc. Thesis)

2019 — Bitcoin Cluster Aggregator (Scala/Java)@Spark

A distributed algorithm applied to the bitcoin blockchain that allow to create a new representation of the transaction - a clusterized graph that combine all the addresses belonging to the same owner/organization. More details and code available at Github

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2018 — Regressor for Market Sales (iPython)

A working forecasting model to optimize promotions and warehousestocks of one of the most important European retailers using and comparing different Machine Learning algorithms. More details and code available at Github

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2018 — Distributed Search Algorithms (C++)

Implementation of Parallelized Pagerank Algorithm and DirectionOptimizing BFS implemented with Boost BGL and OPENMP. More details and code available at Github