

Giuseppe Attanasio

PH.D. CANDIDATE · POLITECNICO DI TORINO

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“Computers aren’t the thing. They are the thing that gets us to the thing.” - Halt And Catch Fire

Bio

I am currently living in Turin, Piedmont, Italy. Using my spare time for: a keyboard (sigh!), a basketball, a sci-fi book, and a guitar, likely playing rock.

Research interests. Sequence modeling and forecasting algorithms, recurrent models explainability

Education

Politecnico di Torino

PH.D. AT DEPARTMENT OF CONTROL AND COMPUTER ENGINEERING

- Topics: sequence modeling and forecasting, deep recurrent models
- Advisor: Elena Baralis

Torino, Italy

2018 -

Politecnico di Torino

MD IN COMPUTER ENGINEERING, DATA SCIENCE TRACK

- Grade: 100/100 *cum Laude*

Torino, Italy

2016 - 2018

Politecnico di Torino

BD IN COMPUTER ENGINEERING

- Grade: 100/100

Torino, Italy

2013 - 2016

Skills

I am familiar with *italicized* entries.

Programming C, C++, Python, Java, C#, JavaScript, PHP, Matlab, SQL

Framework Hadoop, Spark

Scripting Bash, Awk

DevOps AWS, Docker

Front-end Hugo, React, Dash

Graphics Inkscape, GIMP, Blender, Unity 3D

Languages Italian, English, Spanish, French

Work Experience

Politecnico di Torino

TEACHING ASSISTANT

- Data science lab: processes and methods, MD in Data Science and Engineering, 2019, 2020
- Business intelligence for big data, MD in Industrial engineering and management, 2020
- Databases, BD in Computer Engineering, 2019

Torino, Italy

Kupata S.r.l.

FOUNDER, SHAREHOLDER

- Kupata’s main goal is to streamline the Lost and Found process. It brings innovation with a solution that helps people in returning items in a simple, secure, and undisclosed way. The business involves a physical object, the Kupa, and a social community that encourages members to act in the right way.

Torino, Italy

Nov. 2016 -

Consoft Sistemi S.p.A.

Torino, Italy

CURRICULAR INTERN

Mar. 2016 - Jul. 2016

- I was inserted in a fresh new project aimed to realize a proprietary solution for a Knowledge Base platform. We built our solution from an open source PHP-based platform: Orange HRM. Furthermore, I have followed the internal *audit* phase in order to gather necessities and build up a requirements schema.

Publications

2020

Training ensembles of faceted classification models for quantitative stock trading, Computing, Springer, Cagliari L., **Attanasio G.**, Garza P., Baralis E.

2019

Combining news sentiment and technical analysis to predict stock trend reversal, Proceedings of the 9th ICDM Workshop on Sentiment Elicitation from Natural Text for Information Retrieval and Extraction, Cagliari L., **Attanasio G.**, Garza P., Baralis E.

Quantitative cryptocurrency trading: exploring the use of machine learning techniques, Proceedings of the 5th Workshop on Data Science for Macro-modeling with Financial and Economic Datasets, **Attanasio G.**, Cagliari L., Garza P., Baralis E.

2017

HOT: Hold your own tools for AR-based constructive art, 2017 IEEE Symposium on 3D User Interfaces (3DUI). **Attanasio G.**, Cannavò A., Cibrario F., Lamberti F., Montuschi P., Paravati G.