

STEFANO BIONDI

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PROFESSIONAL SUMMARY

Graduated in **Mathematics**, currently specializing in **Data Science** MSc. Able to uphold strong relationships with the businesses key figures thanks to both my previous work experiences as a Consultant and Real Estate Agent; and to my **proactive** and **trustworthy** personality. Able to analyse, measure, design and advise innovative solutions aimed at solving the criticalities of companies and single clients' business processes. Able to adapt to different challenging environments and firmly believing in the power of **Diversity** and **Inclusivity**. Always been attracted by the strategy innovation so that I am always ready to immerse myself in **new learning opportunities** such as the quantum computing evolution.

Currently based in South Carolina, looking for new prospects in **Italy**.

PROFESSIONAL EXPERIENCE

DATA SCIENTIST

South Carolina, USA

[07/2019 – Present]

MSC USA

- Addressed a systemic industry flaw: the vessel overbooking due to the booking cancellation. Thanks to prescriptive analysis I measured the unrecoverable total cost of +\$500k. I structured the development of an artificial network classification algorithm (Keras library) with a 98% of accuracy and 96% of precision. This resulted in the acknowledgment by the president and his executives of a process that recovers the above mentioned cost as well as an increase in revenue thanks to a greater evaluation efficacy.
- Idealized, designed and projected an ensemble of interconnected platforms which allowed the finalization of the industry trade export process. Software which enabled the interest and subsequent collaboration of board executive members along with the upper managers and their departments. The project saved 4 FTE and allowed the creation of daily monitoring tools and monthly KPI measurements to further uncover new growth opportunities for management and President.
- Undertook the lead analysis, architecture, design, and development of an RPA Bot in order to automate a business process. It enabled communication with different structures inside the industry. It shortened users' human/digital interaction processes, which in turn significantly reduced the amount of clerical errors that led to saving 5 FTE.
- Teaching and Assisting managers with data visualization and report dashboards (PowerBI and Excel)
- Mentoring junior team members

SOFTWARE ENGINEERING

Milan, Italy

[10/2017 – 07/2019]

Accenture

- Represented the technical team through a direct client relationship. Acted as a referent with the functional and test teams, through the estimation, performance feasibility analysis, the risks forecast and the delivery planning for the new requirements.
- Comprehensively developed and maintained the worldwide web application aimed at managing the financials of the biggest Italian oil corporation. Delivered new features in systems development life cycle using ASP.NET MVC framework, SQL database and jQuery library.
- Developed the customized calculus engine based on all the business units and the financial variables, using the functional programming language F#. This allowed the client to modify the calculus rules accordingly to the changes applied to their worldwide contracts.
- Internal Team activities: research and development such as training programs aimed at increasing the efficacy of the team project, trained new team members by being their primary point of contact and information.

REAL ESTATE AGENT

Turin, Italy

[02/2014 – 9/2017]

Homework Immobiliare

- Self-established as a real estate market expert and gained trust of the house owners
- Acquired persuasive, good communicative and negotiating skills
- Coordinated various professional figures towards the finalization of the sale.

FOUNDER

Turin, Italy

[03/2013 – 01/2014]

ImmobiValue

Start-up designed to provide an accurate estimation of the selling prices of the estates in Torino. Involved a potential partner in the project who could gather and organize the market data. Established a correspondent relation with another start-up in order to initialize the marketing processes and to promote it on social media.

EDUCATION

MSc of Data Science, Università degli Studi di Milano Bicocca – 28.5/30

Bachelor of Mathematics, Università degli Studi di Torino – 100/110

present, Milan
12/2011, Turin

LANGUAGES

- Italian (Native)
- English (Professional)
- Spanish (Beginner)

TECHNICAL KNOWLEDGE

PRESCRIPTIVE

- Python, R, C#
- Pandas, NumPy, Scikit-learn
- Keras
- SQL
- KNIME

DATA VISUALIZATION

- PowerBI
- Matplotlib, ggplot2
- M, DAX

AUTOMATION

- Automation Anywhere
- VBA
- Power Automate
- PowerApp

PROJECTS

- Multiclass images prediction w/o convolutional layers and dimensionality reduction thanks to Autoencoders
- Multiclass MNIST digits classification using Convolutional Neural Network with optimization
- Multiclass classification using VGG16 Transfert Learning combined with Gradient Boosting and Linear Support Vector Classification
- Branch and Bound for an ILP problem
- Non Linear Optimization. Bisection, Newton, Gradient and Simulated Annealing
- Packaging Problem solved with a Genetic Algorithm
- Cervical Cancer Classification
- Viaggi e Vacanze analysis for the Italian resident

ADDITIONAL ACTIVITIES

- Volunteer for the American Society
 - Quantum Computing Workshop – dotQuantum
 - Machine Learning – Stanford Course, Coursuera
 - IoLavoro SturtUp – Fondazione Human+ & APL
 - Basic Statistics and Data Mining for Applications – Sas, Università degli Studi di Torino
- [2020]
[2019]
[2018]
[2014]
[2010]