Matteo Cagnolari

Curriculum Vitae

Personal Informations

Name	Matteo Cagnolari
Date of birth	December 18th, 1988
Address	Viale Ca' Granda 2, 20162 Milano, Italy
Nationality	Italian
Mobile	+39 348 9873256
e-mail	matteo.cagnolari@alice.it

Education

2011–2012 **Master of Science in Management and Economics**, *Department of Quantitative Methods*, University of Genova (Italy), Grade: 110/110 cum laude.
Supervisor: Prof. Daniela Ambrosino.

2008–2011 **Bachelor Degree in Economics of Maritime and Transports**, *Department of Quantitative Methods*, University of Genova (Italy).
Supervisor: Prof. Anna Franca Sciomachen.

Master Thesis

Title	*Procedure for inventory management in a multi-echelon system*
Supervisors	Professor Daniela Ambrosino
Description	The thesis proposed an heuristic procedure to determine the sub–optimal inventory levels and the level of safety stocks of a single–product in a multi-echelon system under uncertainty.

Academic Research

Field of Research

STOCHASTIC OPTIMIZATION

Present Projects

2016 **Two–stage stochastic programming model for a cost–based inventory problem**, *Matteo Cagnolari, Luca Bertazzi, Francesca Maggioni*, 2016, Current state: to be submitted.
Reasume: we started from the well–known Newsvendor Problem using its simple structure in order to obtain something new about stochastic measures, close–form and approximate expressions. New Theorems and Definitions have been provided as contribution to the current literature.

2016 **Two–stage and multi–stage stochastic programming models for Bike–Sharing problems**, *Matteo Cagnolari, Luca Bertazzi, Francesca Maggioni*, 2016, Current state: in progress.

2016 **Two–stage and multi–stage stochastic programming models for Car–Sharing problems**, *Matteo Cagnolari, Luca Bertazzi, Francesca Maggioni*, 2016, Current state: in progress.

Experience

2014–Present **Ph.D. in Analytics for Economics and Business (AEB)**, UNIVESITY OF BERGAMO, Italy.
During the 1st year, the following courses were attended:
- Linear Programming;
- Stochastic Optimization;
- Discrete and Combinatorial Optimization;
- Convex Optimization;
- Non–linear Optimization;
- Statistics (Inference and Probability);
- Measure Theory;
- Microeconomic for Finance;
- Econometrics;
- Programming Languages (AMPL, Java).

2013–2014 **High School Professor**, LICEO NAUTICO SAN GIORGIO, Genova, Italy.
During the working experience, the following subjects were taught:
- Logistics;
- Astronomy;
- Cinematics;
- Physics applied to the bodies;
- Trigonometry;
- Meteorology.

2013 **Quantitative Analyst and Office Support**, THE BROKER S.R.L, Genova, Italy.
During the working experience, the following activities have been performed:
- data analysis;
- reporting;
- operations in MySQL;
- customer care;
- creation of insurance policies;
- office procedures.

Viale Ca' Granda – Milan, Italy 20162
(0039) 348 9873256 • *matteo.cagnolari@alice.it*

Awards

2007 5th Year High School Best Student.
2006 4th Year High School Best Student.
2005 3rd Year High School Best Student.

Computer skills

Basic	JAVA, C, C++, MATLAB.
Intermediate	GAMS, WITNESS, PETRINET.
Advanced	AMPL, LINDO, LaTeX, OpenOffice, Microsoft Windows.

Languages

Italian	**Mothertongue**	
English	**Advanced**	*Conversationally fluent*
Spanish	**Basic**	*Basic words and phrases only. Good reading and understanding.*