NICOLA BARTOLINI

Graduate student

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in https://www.linkedin.com/in/nicola-bartolini-566b4418a/

EDUCATION

Master in Quantitative Finance
University of Bologna. Department of statistics

📅 2018 - 2020   📍 Bologna, Italy

Grade: 110/110 Cum Laudae

Bachelor degree Banking and Finance
University of Pisa. Department of economics

📅 2014 - 2018   📍 Pisa, Italy

Grade: 110/110

Diploma of Liceo scientifico
Liceo scientifico Enrico Fermi

📅 2009-2014   📍 Cecina , Italy

TECHNICAL SKILLS

Mathematics

- Real analysis, complex analysis, probability theory, stochastic calculus

Financial maths

- Black and Scholes model for plain vanilla derivatives and exotic products
- Short rate models (Vasicek, CIR, Hull and White)
- Intensity based model for defaultable bonds
- market Libor model

Computational finance

- Simulations of stochastic processes via Monte Carlo method
- Fourier methods for option pricing
- variance reduction techniques (control variate, antithetic variate)

Econometrics

- OLS estimation technique
- Maximum likelihood estimation technique
- MA, AR, ARMA, ARCH, GARCH

WORK EXPERIENCE

Summer job
Bagno La Zattera

📅 May 2012 - Sep 2012   📍 Donoratico, Italy

- Lifeguard on the beach.

Summer job
Bagno La Zattera

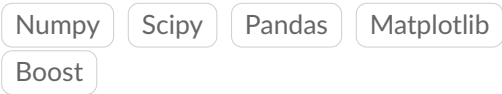📅 June 2013 - Sep 2013   📍 Donoratico, Italy

- Lifeguard on the beach.

LOOKING FOR

" To work in a international, dynamic and competitive organization where one could also learn everyday"
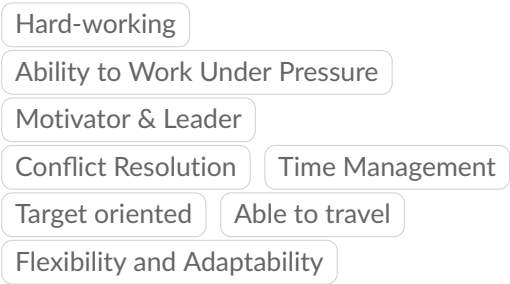
TECHNICAL STRENGTH

C++   ●●○○○

Matlab   ●●○○○

Python   ●●●○○

Latex   ●●●○○

MS Office   ●●○○○

LIBRARIES

Numpy   Scipy   Pandas   Matplotlib   Boost

STRENGTHS

Hard-working

Ability to Work Under Pressure

Motivator & Leader

Conflict Resolution   Time Management

Target oriented   Able to travel

Flexibility and Adaptability

LANGUAGES

English   ●●●●○

Italian   ●●●●●

PERSONAL TRAITS

The reason why I like so much the field of quantitative finance is the fact that it is a challenging and very stimulating field where I can test myself in order to reach the targets that are given to me. Moreover I like this field for the possibility of working in teams of people coming from different fields so that the meeting is a great possibility to learn and expand my knowledge and competences.

HOBBIES

Reading newspaper
Have a keen eye on current affairs

Music Addict
Listen quality music of every genre

Motorbike
Going for a ride with my motorbike whenever possible

Sport
Chalistenics