

# Alberto Quaini

alberto.quaini@unige.ch | +41 (0)22.379.9843

## EDUCATION

### UNIVERSITÉ DE GENÈVE

#### PHD IN STATISTICS

GSEM & GFRI

Supervisor: Prof Fabio Trojani

2015 – 2020 | Genève, CH

#### MSc IN STATISTICS

GSEM | Best GPA Award

2013 – 2015 | Genève, CH

### UNIVERSITÀ DELLA SVIZZERA ITALIANA

#### BA IN ECONOMICS

2010 – 2013 | Lugano, CH

Summa Cum Laude

## EDUCATIONAL EXPERIENCE

- BFI (bfi.uchicago.edu) 2018
- OSM Lab Booth Camp
- CADMOS (cadmos.org) 2017
- High Performance Computing
- ZICE (zccfe.uzh.ch) 2017
- Computational Economics

## PHD COURSEWORK

Advanced Statistical Inference (UNIGE) | Econometrics (USI) | Time Series (USI) | Predictive Modeling and Forecasting (Studienzentrum Gerzensee) | Mathematics for Financial Economics (EPFL) | Time Series Methods in Financial Econometrics (USTGallen) | Parallel Computing (UNIGE) | Resampling Methods and Forecasting (USTGallen)

## LINKS

Github:// [quainialberto](#)

LinkedIn:// [albertoquaini](#)

## SKILLS

### PROGRAMMING

R • C++ • Matlab

Python • Mathematica •  $\LaTeX$

### LANGUAGES

Italiano • English (IELTS 8/9) • Français

## EXPERIENCE

### UNIGE GSEM & GFRI | RESEARCH AND TEACHING ASSISTANT

2015 – 2020 | Genève, CH

Assisted Prof Fabio Trojani for the courses "Discrete Time Asset Pricing" in MSc Statistics, MSc Economics and MSc Wealth Management, "Topics in Financial Econometrics" MSc Finance (in Bocconi University) and "Continuous Time Asset Pricing" PhD Finance SFI, Organized the GFRI Brown Bag seminar.

### ALPHACRUNCHER & GFRI | APP DEVELOPER

March 2017 – April 2017 | Genève, CH

Developed several educational apps for Alphacruncher using R Shiny for a course in "Data Analysis and Advanced Modeling in Finance" taught by Prof Fabio Trojani and Prof Olivier Scaillet at Tsinghua University in China, Executive PhD in Finance.

### LION ITALIA S.R.L. | CONSULTANT ON CALL

2010 – 2014 | Montano Lucino, IT

Worked in Logistic, Supply Chain Management and Quality Control under the supervision of Giovanni Quaini (Founder & CEO).

### UNIVERSITÀ DELLA SVIZZERA ITALIANA | STUDENT ASSISTANT

2011 – 2013 | Lugano, CH

Assisted Prof Roberto Ferretti for the BA courses "Algebra Lineare" and "Analisi Matematica".

### AMBROSETTI ASSET MANAGEMENT SIM S.P.A. | INTERN

2011 – 2013 | Tavernola, IT

Worked in Portfolio and Economic outlook analysis and developed algorithmic investment strategy tools under the supervision of Dr Fabio Gnecco (CEO).

## RESEARCH

My research interests encompass Statistics, Optimization, Stochastic Discount Factor approach and Financial Econometrics.

## RESEARCH ARTICLES

- "Robust Approaches to the LASSO", Master Thesis with Prof Sylvain Sardy, 2015
- "Smart SDFs", PhD thesis with Prof Fabio Trojani, 2020

## AWARDS

- |      |          |  |
|------|----------|--|
| 2015 | GSEM     | Best MSc Statistics GPA Award (1000 CHF)                           |
| 2018 | UChicago | Scholarship (\$4200) + travel and accomodation expenses for OSMLab |