Thierry Moudiki

France

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Summary

Among other things, I like everything related to tech, statistical/machine learning, computer simulation, numerical optimization (and their applications).

Experience

Lecturer

ICN Business School

Sep 2023 - Present (3 months)

Data Analysis for MSc (final year) students

Tutor

Université Paris Dauphine - PSL

Sep 2023 - Present (3 months)

Tutoring MSc (final year) students for their actuarial thesis

Analytics professional

techtonique.github.io

Sep 2019 - Present (4 years 3 months)

tech, statistics, machine learning, computer simulation, numerical optimization

Lecturer

Université Paris-Dauphine |Tunis

Sep 2022 - Sep 2023 (1 year 1 month)

Numerical simulation in Quantitative Finance and Insurance

Postdoctoral Researcher

Université Claude Bernard Lyon 1

Sep 2018 - Sep 2019 (1 year 1 month)

Excess death rates associated to specific insured populations

Actuary

Aviva

Jul 2015 - Jul 2017 (2 years 1 month)

Life Actuarial Economic Capital

Non Life reserving

Allianz
Apr 2015 - Jul 2015 (4 months)

Actuarial Consultant
Optimind
Sep 2011 - Feb 2015 (3 years 6 months)

Actuarial Consultant
Premium Consulting
Jan 2010 - Sep 2011 (1 year 9 months)

Risk capital modeling
Allianz Investment Management
Apr 2008 - Sep 2009 (1 year 6 months)

Education

Institut de Science Financière et d'Assurances (I.S.F.A)
Doctor of Philosophy - PhD, Actuarial Science
2015 - 2018

Institut de Science Financière et d'Assurances (I.S.F.A)
Master of Science (MSc), Actuarial Science
2008 - 2009

Ecole centrale de Lyon
Master of Science (MSc), Research in Actuarial and Financial sciences
Sep 2007 - Sep 2008

National School of Computer Science and Applied Mathematics of Grenoble
Master of Engineering (MEng), Financial engineering
2005 - 2008
Quantitative Finance - Statistics - Computer Science

Licenses & Certifications

edX Verified Certificate for Introduction to Big Data with Apache Spark - edX

edX verified certificate for DAT208x: Introduction to Python for Data Science - edX

Dev Bootcamp Wall Street NYC - Dev Bootcamp

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization - Coursera
LEE25YAV65P8

Neural Networks and Deep Learning - Coursera
Z4Q9HMCSYB9T

Structuring Machine Learning Projects - Coursera
CJKZV2G89N9F

Skills

Programming • Quantitative Finance • Actuarial Science • Solvency II • Quantitative Analytics • Financial Risk • Teaching • Insurance • Market Risk • Python