



alessandro.angioi@hotmail.com



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Mannheim, Germany



20 October, 1990



www.angioi.com



linkedin.com/in/aleangioi



github.com/xalelax

TOP SKILLS

Python

C/C++

Tensorflow

Git

SQL

Scikit-learn

OpenCV

Pandas

LANGUAGES

English



Italian



German



INTERESTS

Machine Learning

Programming

Finance

Statistics

AI

DevOps

Dr. Alessandro Angioi

Data Scientist

A committed data scientist with proven expertise in solving problems. Able to communicate complex ideas effectively to professionals with different backgrounds.

WORK EXPERIENCE

Data Scientist

Getsafe GmbH

07/2019 – Present

Heidelberg, Germany

Achievements:

- Built and deployed on AWS a recommendation engine for insurance products, which is the first feature every customer sees when opening our app
- Wrote multiple Python modules used by our Data Team, including one for fast and flexible A/B testing, one for backtesting business decisions, and one for risk analysis
- Quantified risk profiles for different customer segments with stochastic methods

Physicist

Max Planck Institute for Nuclear Physics

10/2014 – 02/2019

Heidelberg, Germany

Highlights:

- Analyzed and visualized large data sets, leading to new insights on complex phenomena
- First author of three research articles in prestigious peer-reviewed journals
- Presented research results at seven conferences, 15+ in-house talks and journal clubs, tutored two courses at the University and mentored two high school interns

EDUCATION

Doctor of Philosophy - Physics

Ruprecht-Karls-Universität Heidelberg

10/2014 – 07/2018

Heidelberg, Germany

Graduated magna cum laude

- Performed research in Quantum Electrodynamics; designed and wrote the entire C++ code base needed for simulations which ran in parallel on a Linux cluster

Master's Degree - Theoretical Physics

University of Trieste

12/2012 – 09/2014

Trieste, Italy

Grade: 110/110 magna cum Laude

- Thesis about unexplored properties of a widely-used tool in the study of stochastic processes

Bachelor's Degree - Physics

University of Trieste

09/2009 – 11/2012

Trieste, Italy

Grade: 106/110

- Thesis where Bayesian inference and other statistical methods were adopted in order to study large datasets coming from the Large Hadron Collider at CERN
- 7+ courses involved working extensively with data and algorithms

CERTIFICATIONS

Deep Learning, a 5-course specialization by deeplearning.ai on Coursera

TensorFlow in Practice, a 4-course specialization by deeplearning.ai on Coursera

Machine Learning by Stanford University on Coursera