



**Marco  
Zanetti**

**DATE OF BIRTH:**  
1993

## CONTACT

Nationality: Italian

Gender: Male

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## WORK EXPERIENCE

**11/2020 - CURRENT** - Venice, Italy

### Research fellow

CMCC@CaFoscari

- Machine Learning models for climate change risk assessment on the Venice Lagoon (R, Python)
- Satellite images classification to study the shoreline evolution of the Venice Lagoon (Python)

**09/2019 - 09/2020** - Amsterdam, Netherlands

### Data Scientist

AKKA Technologies

- Optimization Models for Bike Sharing Systems (Python, OpenCV, CPLEX)
- Quality testing tool for Agile user stories (Python, NLP)
- Path Optimization for a Warehouse Management Systems (Python, OpenCV)

**01/2018 - 08/2019** - Padua, Italy

### Tutor of Statistics, R and Excel

Freelance

- Data Analysis and Data Visualization (R, Excel)
- Machine Learning (R)
- Statistics and Probability for Demography, Economy, Medicine, Psychology and Sociology

**06/2016 - 06/2017** - Verona, Italy

### Data Analyst

AGSM Energia

- Data Analysis for the sales marginality (Excel)
- Business referent for large customers
- Development of tools to optimize internal activities (R, Excel)

**03/2015 - 11/2015** - Padua, Italy

### Research Internship

University of Padua

- Data Analysis of functional Magnetic Resonance Images
- Bachelor Degree's Thesis "A statistical approach to improve the reliability of functional Magnetic Resonance Images"

## EDUCATION AND TRAINING

**10/2017 - 07/2020** - Padua, Italy

### Master Degree in Statistics, Technology and Data Science

University of Padua

- Master Thesis: "Optimization models for Bike Sharing Systems" (R, Python, CPLEX)
- Courses: Advanced Probability Calculation, Advanced Statistical Models (R), Advanced Statistics, Data Mining (R), Machine Learning (R), Computational Biostatistics and Bioinformatic (R), Computational Statistics (R), Statistical Models for Economic Data, Statistical Models for Social Data (SAS), Stochastic Optimization Models (Anylogic), Statistical Problem Solving (R), Statistical Tools for Business Data (R)

10/2012 - 11/2015 - Padua, Italy

● **Bachelor Degree in Statistics and Business Administration**

University of Padua

- Bachelor Thesis: "A statistical approach to improve the reliability of functional Magnetic Risonance Images" (R)

- Courses: Business Administration, Business Finance, Business Management, Data Base (SQL), Descriptive Statistics (R), Economic Financial Analysis, Economic Statistics, Economic Time Series (Gretl), Elaboration Systems (C), Inferential Statistics, Linear Algebra, Management Control, Market Analysis, Marketing, Mathematical Analysis, Microeconomics, Optimization Models (Excel), Probability Calculation, Statistical Business (StatGraphics), Statistical English, Statistical Models (R)

95/110 | A statistical approach to improve the reliability of functional Magnetic Risonance Images | 180

## LANGUAGE SKILLS

**MOTHER TONGUE(S): Italian**

### English

Listening  
**B2**

Reading  
**C1**

Spoken  
production  
**B2**

Spoken  
interaction  
**B2**

Writing  
**B2**

Last update: Dec 2020