

Emanuele G. DEPAOLI



PERSONAL DATA

PLACE AND DATE OF BIRTH: Borgomanero (NO) | 08 Settembre 1995
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WORK EXPERIENCE

JUNE 2020-AUG. 2020	Post-graduate research fellowship at UNIVERSITY OF PADUA, Padua Project "Determinants of mortality at 3- 59 months of age in the Region of Veneto 1816 -1870". Principal investigator: professor G. Dalla Zuanna. Reconstructing family units from church records and performing statistical analysis of the data through survival analysis.
OCT. 2016-DEC. 2016	Internship at MEMC SPA, Novara Used advanced statistical process control tools to monitor a particular silicon wafer manufacturing process step. Integrated modern data mining and machine learning methods with traditional control charts.

EDUCATION

MAR. 2022- AUG. 2022	Guest researcher Max Planck Institute for Demographic Research, Rostock
OCT. 2020-	PhD student in STATISTICAL SCIENCES University of Padua Supervisor: prof. Stefano Mazzuco
SEPT. 2017-MAR. 2020	Master of Science in STATISTICAL SCIENCES University of Padua Final Mark: 110/110 cum Laude Thesis: 'Bayesian Mixture Models for Anomaly Detection in Multivariate Processes' Supervisor: Prof. Giovanna Capizzi Track: Statistics for Industry and Data Science
SEPT. 2014-JULY 2017	Bachelor of Science in STATISTICS AND INFORMATION MANAGEMENT University of Milan-Bicocca Final Mark: 110/110 cum Laude Thesis: 'Data Mining-Driven Control Charts: theory and application' Supervisor: Prof. Giorgio VITTADINI
SEPT. 2009-JULY 2014	Scientific High School 'Carlo Alberto', Novara Final Mark: 100/100

SCHOLARSHIPS AND CERTIFICATIONS

OCT. 2020		<i>Scholarship for the PhD in Statistical Sciences</i> , UNIVERSITY OF PADUA
MARCH 2017		<i>SAS Certified Predictive Modeler Using SAS Enterprise Miner 13</i>
JULY 2014		Scholarship <i>Giovani Talenti</i> for high school leavers, FONDAZIONE CRT, Turin Nine weeks stay in Portsmouth, UK. Two weeks of intensive English course. Worked as shop assistant for a British Heart Foundation centre.
Nov. 2013		<i>First Certificate in English</i>

AWARDS

JUNE 2019		<i>Best Overall Project</i> , STATS UNDER THE STARS 5 , Bocconi University Motivation: <i>'the team combined an outstanding predictive performance with the highest evaluation from the experts' committee'</i> .
APR. 2019		3th place (out of 51), BUSINESS GAME per la selezione di data scientist , University of Padua Objective: building a model to predict the time before turbine engines break.

LANGUAGES

ITALIAN:	Mother Tongue
ENGLISH:	B2 Level

COMPUTER SKILLS

Basic:	MATLAB, Office, SAS, STATA, mysql, LINUX, La TEX
Intermediate:	PYTHON, C++ (integrated with Rcpp)
Advanced:	R