Marius Sommerfeld

B.Sc. Econometrics & Operations Research
Student M.Sc. Data Science for Decision Making

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Education

Maastricht University, Maastricht, Netherlands 09/2020 – present	**M.Sc. Data Science for Decision Making (current GPA: 9.13/10)** Natural Language Processing, Computer Vision, Machine Learning, Data Mining, Signal Image Processing, Programming	
Maastricht University, Maastricht, Netherlands 09/2016 – 06/2019	**B.Sc. Econometrics & Operations Research, Cum Laude (8.19/10)** Education in advanced Mathematics, Econometrics, Operations Research, Finance, Economics, Game Theory, Programming and Statistics	
Universitá Luigi Bocconi Milan, Italy 09/2018 - 12/2018	**Erasmus exchange program** Courses: Theoretical Computer Science, Introduction to Blockchain, Political Economics, Experimental Economics & Psychology and Italian language	
Gymnasium Essen Werden Essen, Germany 08/2013 - 06/2016	**General higher education entrance qualification (Abitur 1.5)** Advanced courses in mathematics and arts	
Rudolf Steiner-Schule Essen, Germany 08/2003 - 08/2013	**Primary and high school education** Focus on arts, acting and music	

Work Experience

IVC Independent Valuation & Consulting AG WPG., Essen, Germany 09/2020 – present	**Research Analyst Working Student** Administration and development of a Database. Programming of applications for the analysis of capital market data. Development of applications for data processing.	
IVC Independent Valuation & Consulting AG WPG., Essen, Germany 06/2020 – 08/2020	**Research Analyst Internship** Development, design and setup of a database. Enhancement and automation of internal processes. Programming of applications for the analysis of capital market data.	
HSBC Trinkhaus & Burkhardt AG, Düsseldorf, Germany 08/2019 – 01/2020	**Equity Derivatives Trading Internship** Analysis of financial market and trade data, utilizing Python, SQL and Excel Programming of algorithms to gather market insights, supporting the daily equity derivatives trading business	

Skills and Interests

IT skills:	Python (Pandas, Numby, Matplotlib, Keras, Pytoch, Tensorflow, Scikit-learn), SQL, R, Java, Git, Excel (VBA, Pivot Tables, Power Query), MS Office, Tableau, ILOG CPLEX, Matlab, CapitalIQ, Refinitiv/Reuters Eikon
Languages:	German (native), English (fluent, C1 level), Italian (B1), Dutch (basic), Russian (basic)
Hobbies:	playing Saxophone, Sailing, Skiing, Running, Drawing, Darts, Boule