

Kevin Südmersen

Data Scientist



Info

Date and place of birth: 8th January 1993 in Bad Oeynhausen, Germany

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Technical Skills

| Skill | Skill level | Experience |
|---------------------------------|--------------|--|
| Python | Advanced | Constant use of Python on the job, using libraries such as scikit-learn, tensorflow-2.0 (and hence keras), matplotlib, seaborn, plotly, numpy, pandas, Tableau-Server-Client, sqlalchemy, Apache Airflow |
| R | Intermediate | Empirical university projects (including MSc dissertation) implemented in R, experience with libraries such as dplyr, ggplot, keras, rpart, e1071 |
| L ^A T _E X | Basic | E.g. MSc dissertation written in L ^A T _E X |
| HTML | Basic | Used HTML to display reports of results |
| Docker | Intermediate | Used Docker for employment of software and used the DockerOperator of Apache Airflow |
| MS Office | Intermediate | Continuous use of MS Excel, MS PowerPoint and MS Word |

Working Experience

• breos GmbH, Stuttgart, Germany (November 2018 - present)

Company description: Breos GmbH provides business intelligence services using data visualization tools and Machine Learning models

Role: Data Scientist

Tasks: Development of in-house software to automate Machine Learning processes, analysing, implementing and testing current State Of The Art Machine Learning algorithms, writing three [blog posts](#) about Natural Language Processing, automating workflows with the Tableau Server Client API for Python, currently implementing an ETL pipeline with Apache Airflow to create a data warehouse

• STOXX Ltd., Frankfurt, Germany (Apr. 2017 – Jun. 2017)

Company description: STOXX Ltd. is a subsidiary of the Deutsche Börse AG and provides customized indices and iNAVs. One of the most prominent products of STOXX is the Deutsche Aktienindex (DAX)

Role: Intern in the Business Architecture service line

Tasks: Assisting with the migration of an old IT system (XIS Web) to a new IT system (Linux) which is now being used to calculate the DAX, visualizing and modelling of percentage filtering used for iNAV calculations, documentation and communication of the index work-flow, setting up new iNAV projects, creation of Excel templates to speed up recurring tasks

• **Ernst & Young, Berlin, Germany** (Sep. 2015 - Jan. 2016)

Company description: Ernst & Young (EY) is a business consulting company and in addition to auditing, EY also provides advisory services

Role: Intern in the M&A, Transaction Support, Corporate Finance Strategy, Valuation & Business Modelling service lines

Tasks: Finding potential investment targets, creating presentations, data books and peer groups, researching financial data, conducting quality checks, assisting with a market multiple valuation

• **Other relevant experience**

Private project [Predicting Bitcoin Prices 2.0 "Is attention really all we need?"](#) (in progress)
Intern at the Next Media Accelerator (Jul. 2017 - Aug. 2017)
Statistics tutor at Amsterdam University of Applied Sciences (Nov. 2013 - Jun. 2014)

Education

• **Online MSc¹ in Data Science (part-time)** (Oct. 2019 - Oct. 2022)

Where: Hochschule Abstatt-Sigmaringen, Germany

Description: This part-time MSc is designed in such a way that students can combine it with a full-time job. It has an estimated workload of 10-15 hours per week, students can consume the learning material online at any times, and except for a few weekends per year, students do not have to physically attend classes. More information can be found [here](#)

• **MSc in International & Financial Economics** (Sep. 2017 - Sep. 2018)

Where: University of Warwick, England

Subjects: Applications of Data Science, Mathematics and Statistics, Econometrics, Game Theory, Microeconomics, Macroeconomics, Monetary Economics

Grades: Graduated with [merit](#), [MSc degree certificate with grades](#)

Dissertation: ["Predicting Bitcoin Prices - Can Machine Learning Algorithms Help?"](#) (with distinction)

• **BBA² in International Business & Management** (Sep. 2012 - Dec. 2016)

Where: University of Applied Sciences Amsterdam, Netherlands

Grades: 7.64 excluding foundation year, [BBA degree certificate with grades](#)

Minor: International & Monetary Economics (Sep. 2016 - Feb. 2017), [minor certificate with subjects and grades](#)

Standard period of study: 8 semesters due to internship and exchange semester

Exchange semester: Hanyang University, Seoul, Korea (February 2015 - June 2015)

Dissertation: "How to create a profitable business strategy selling Fairness Opinions"³

¹Master of Science

²Bachelor of Business Administration

³A Fairness Opinion is an independent evaluation of a take-over offer

Other

Entrepreneur: Founder and owner of Bootcamp Inc. (Apr. 2014 - Jun. 2015)

English language test certificates: IELTS test result in 2016: 7.5 out of 9, TOEFL test result in 2019: 100 out of 120

Languages: German (first language), English ([level C2](#)), Dutch ([level B2](#))

Characteristics: Friendly, enthusiastic, disciplined, respectful, persisted, result-oriented

Sporting Achievements: Winner of the WAKO Dutch Open in light contact kick-boxing -79Kg in 2016, winner of the WAKO Dutch National Championships in light contact kick-boxing -75Kg in 2014

Interests: Taekwondo (red belt), Karate, Kick-boxing, running, skiing, travelling