

# 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, numpy and pandas
R	Intermediate	Empirical university projects (including MSc dissertation) implemented in R, experience with libraries such as dplyr, ggplot, keras, rpart, e1071
L <sup>A</sup> T <sub>E</sub> X	Basic	E.g. MSc dissertation written in L <sup>A</sup> T <sub>E</sub> X
HTML	Basic	Used HTML to display reports of results
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 in the Artificial Intelligence team

**Tasks:** Development of in-house software to automate Machine Learning processes (e.g. implementation of a hyper-parameter tuning strategy and automatic reporting of results), analysing, implementing and testing current State Of The Art Machine Learning Algorithms, writing three [blog posts](#) for the company's website about Natural Language Processing, and currently working on a workflow automation project

### • 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 MSc<sup>1</sup> 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)

- **BBA<sup>2</sup> 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, [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"<sup>3</sup>

## Other

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

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

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

**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

**Languages:** German (first language), English ([level C2](#)), Dutch ([level C1](#))

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

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<sup>1</sup>Master of Science

<sup>2</sup>Bachelor of Business Administration

<sup>3</sup>A Fairness Opinion is an independent evaluation of a take-over offer