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, tableauserverclient, sqlalchemy
R	Intermediate	Empirical university projects (including MSc dissertation) implemented in R, experience with libraries such as dplyr, ggplot, keras, rpart, e1071
LaTeX	Basic	E.g. MSc dissertation written in LaTeX
HTML	Basic	Used HTML to display reports of results
MS Office	Intermediate	Continuous use of MS Excel, MS PowerPoint and MS Word

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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, 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 working on a data warehouse 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[1] in Data Science (part-time)** **(Oct. 2019 - Oct. 2022)**

Where: Hochschule Abstadt-Sigmardingen, 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[2] 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"[3]

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 C1)

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, Kickboxing, running, skiing, travelling

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[1] Master of Science
[2] Bachelor of Business Administration
[3] A Fairness Opinion is an independent evaluation of a take-over offer