

## **Relevant Experiences**

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- 01/2020 - **Senior Data Strategist/Data Scientist  
HDI Systeme AG, Hilden (Germany)**
- Development of a strategic approach to the allocation and use of data in the context of data science projects
  - Identification of data use cases for the life insurance sector and implementation as proof of concept
  - Process design for the acquisition and evaluation of data use cases
- 03/2020 - **Adjunct Lecturer (part-time)  
FOM Hochschule für Oekonomie und Management, Cologne (Germany)**
- Lecture: Applied Programming in the Master's course Big Data & Business Analytics
  - Curriculum: Data analysis lifecycle, programming languages, development environments and programming libraries for SQL, R and Python
- 04/2018 - 12/2019 **Head of Talent Pool and People Analytics, Data Scientist  
METRO AG, Duesseldorf (Germany)**
- Development of a talent data strategy and derivation of use cases for the introduction and embedding of data-driven decision-making processes
  - Analytical/data science projects on various issues of talent management and recruitment
  - Support of the department in the implementation of short-term tools in the staffing process
  - Change management with regard to the perception and use of data-driven, machine-supported decision-making processes in HR
- Tools: Python (pandas, NumPy, Scikit-learn, seaborn), R (Shiny)*
- 01/2016 - 03/2018 **Data Scientist, Customer Data Intelligence  
AXA Konzern AG, Cologne (Germany)**
- Data mining of cross-channel sales data with the aim of modeling customer interests and closing behavior
  - Development of machine learning models for the prediction of customer behavior
  - Responsibility for heading the project concerning the introduction of an interactive dashboard for reporting customer KPI
  - Evaluation of sustainable IT infrastructure alternatives for Customer Data Intelligence
  - Statistical analyses as basis for strategic decision-making
- Tools: SQL, SAS, Python (pandas, NumPy, Scikit-learn, Keras), R (Shiny)*
- 04/2011 - 12/2015 **Generali Deutschland Holding AG, Cologne (Germany)**  
03/2015 - 12/2015 **Data Scientist, Corporate Development**
- Supervision of corporate initiatives concerning advanced analytics, data mining and machine learning
  - Evaluation of decentralized activities and strategic alignment of data analysis in the Generali Germany group
  - Development and implementation of data mining applications and projects in collaboration with international colleagues and external consultants
- Tools: Python (pandas, NumPy), R (ggplot2)*

## **Dennis Gluesenkamp**

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- 08/2012 - 02/2015    **Executive Assistant to CEO**
- Project activity and concept development to data mining and advanced analytics
  - Project support in risk management (least squares Monte Carlo)
  - Preparation and organization of board meetings as well as tasks of external and internal corporate communications
- 04/2011 - 07/2012    **Strategic Asset Allocation, Financial Controlling**
- 04/2010 - 03/2011    **Professional IT-Trainee**  
**Generali Deutschland Informatik Services GmbH, Hamburg/Aix-la-Chapelle (Germany)**

### **Education**

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- 09/2015 - 09/2018    **Master of Science**  
**Business Intelligence Systems and Data Mining**  
**De Montfort University Leicester (UK)**
- Majors: Data Mining, Artificial Neural Networks, Applied Computational Intelligence
  - Master's thesis: "Prediction of customer churn with premium online calculation data in insurance business"
  - Programming skills: Python, R, SAS, SQL
  - Applied models/algorithms: Decision Trees, Random Forests, Support Vector Machines, Multilayer Perceptron, Convolutional Neural Networks, evolutionary algorithms
- 10/2005 - 06/2009    **Diplom**  
**Physics**  
**Rheinische Friedrich-Wilhelms-Universitaet Bonn (Germany)**
- Majors: Nonlinear Time Series Analysis, Neurophysics, Computational Physics, Statistical Data Analysis
  - Thesis: "Measuring directional dependencies in dynamic systems with cellular non-linear networks"
  - Programming skills: Java, Delphi
  - Applied models/algorithms: (Cellular) Neural Networks, Monte Carlo method
- 10/2003 - 09/2005    **Intermediate examination**  
**Physics**  
**University of Osnabrueck (Germany)**
- Minor: Computer Science and Algorithms
  - Programming skills: Java

### **Other Skills**

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- IT                      Proficient in Python, R, SQL, SAS, and Microsoft Office  
Basic knowledge in Java, MatLab, and SAP
- Languages            German, mother tongue  
English, operational command (C1), IELTS Band Score 7.5 (05/2015)