# Florian **Siepe**

DATA SCIENTIST

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## **Edu**cation

### **Phillips University Marburg**
*Marburg, Germany*

DR. RER. NAT. (ONGOING)
*Feb. 2024 - today*

- Part of the Big Data Analytics Group
- Research in consolidating ML models through clustering
- Design cluster algorithms for large scale data

### **Phillips University Marburg**
*Marburg, Germany*

M.SC. IN COMPUTER SCIENCE
*Apr. 2021 - Sep. 2023*

- Master Thesis: Aggregating Machine Learning Models for the Energy Consumption Forecast of Heat Generators
- Focus: Machine Learning, Big Data Analytics, Software Engineering
- Final grade: 1.4 (90%)

### **Technische Hochschule Mittelhessen**
*Frankenberg (Eder), Germany*

B.SC. IN SOFTWARE TECHNOLOGY
*Oct. 2017 - Feb. 2021*

- Focus: Software Engineering
- Final grade: 1.2 (93%)
- Semester abroad at *University of Essex (UK)*

### **Technische Hochschule Mittelhessen**
*Bad Wildungen, Germany*

ECONOMICS (BUSINESS INFORMATICS)
*Oct. 2016 - Sep. 2017*

- Focus: Business Informatics
- No degree

## **Exp**erience

### **Viessmann IT-Service**
*Allendorf (Eder), Germany*

DATA SCIENTIST
*Jun. 2024 - today*

- Data-driven heatload calculation for residential buildings based on past data
- Develop ML models for energy forecasting of heat generators
- Cluster analysis of energy forecasting models of heat generators

### **Viessmann IT-Service**
*Allendorf (Eder), Germany*

SOFTWARE ENGINEER
*Feb. 2021 - May 2024*

- Development & Maintenance of a highly dynamical, internationally used B2B E-Commerce application using Angular and Material Design for both internal users and external customers
- Implementaion of Java-based microservices in Spring Boot and Quarkus
- Integration of SAP service in an E-Commerce system

### **Viessmann Werke Allendorf**
*Allendorf (Eder), Germany*

DUAL STUDENT
*Aug. 2016 - Jan. 2021*

- Designed a graph model to resolve product's bill of materials as well as their usage in other materials
- Build a graph based recommender system which utilizes customers sales history as implicit feedback to generate product recommendations