

Search by Keyword

Show More Options

Search Jobs

Clear

Select how often (in days) to receive an alert:

7

Create Alert

Share this Job

Product Engineer PhD (m/f/d)

Apply now »

Date: Nov 10, 2022

Location: Kaiserslautern, Rhineland Palatinate, DE, 67657

Company: John Deere

Ref. 91529 – Product Engineer PhD

Welcome to John Deere, the leading innovator of agricultural, forestry, construction, lawn and grounds care equipment supported by comprehensive parts and financial services solutions. With around 70,000 employees worldwide, we develop and produce connected and technologically advanced machines with a total sales of \$35,5 billion. By joining us you grow individually and become a key contributor in managing the biggest global challenge: supplying 7 billion people with food, clothing and infrastructure.

The Intelligent Solutions Group (ISG) of John Deere in Kaiserslautern develops future trends and technologies in the area of mobile agricultural and construction machinery in cooperation with different research centers. In addition, ISG develops and sells products and services in the area of precision farming using global satellite-based navigation systems (GNSS), automated steering systems, machine automation, sensor technologies, telematic system solutions, web applications as well as apps for mobile devices to optimize farming processes and to support decision making.

Our department *Production Systems Solutions Eng SA&T* is looking for a **temporary**

Product Engineer PhD (m/f/d)

in the area of "Dairy & Livestock Data Analytics"
(part-time (31,5h))

Your Responsibilities:

- Working on a collaborative research project to identify and analyze digital opportunities in dairy operations along the entire value chain (the intent of the project is to support farmers by integrating decision support, harvest sensing, sustainability assessments and efficiency improvements on farm operations)
- Identifying, extracting, transforming and analyzing agricultural data from field to milk and developing software to support the project intent

[Top Job Searches](#) | [Site Map](#)

Copyright 2022 Deere & Company. All Rights Reserved.

What Skills You Need:

- Above-average master's degree in Informatics / Software Engineering / Data Science / Data Analytics or similar fields of study
- Solid programming skills in Java and/or Nodejs
- Experience with Databases like RDBMS, SQL, NOSQL
- API Development: REST, and/or GraphQL
- Basic knowledge of CI in Automated testing and/or Jenkins, Drone, Github actions
- Willingness to develop complex functions and simulation and perform statistical analysis
- English on a solid level spoken and written as well as German basic skills

What Makes You Stand Out:

- Frameworks: Springboot
- Basic knowledge of AWS or MS Azure cloud technologies
- Knowledge of agricultural production systems and practices (on Dairy & Livestock farms)
- Big Data technologies like Spark, Hadoop, and/or Scala
- Data analysis: ETL, Data wrangling, Python, pandas, Databricks, parquet, delta lake
- Data visualization skills: Tableau, Matplotlib, Plotly, or others
- Driver license for cars (B)

What You'll Get:

- An attractive compensation package including variable pay program
- Competitive pension, holidays, life cover/income protection benefits
- Flexible working solutions to balance family and career
- Development and learning opportunities to support current needs and future aspirations

This tariff position is limited to 3 years, based in Kaiserslautern and vacant as soon as possible.

End of Posting: 7th December 2022

John Deere Kaiserslautern

Human Resources

Emma Faul

We look forward to your online application in English language!

Additional Information:

To process applications, we use our online platform at our John Deere career page. We are not able to process applications through e-mail or post and ask for your understanding. Please complete the online application form, if you want to apply for a position at John Deere.

If you have any questions about your application, please contact: HRMannheim@JohnDeere.com.

Job Segment: Construction, Test Engineer, Testing, Cloud, Software Engineer, Engineering, Technology

[Apply now »](#)