



FARMERS CUT®

DATA ENGINEER

FULL-TIME, HAMBURG (GERMANY)

About Farmers Cut (FC)

We started FC in 2015 as a company with the ambition to emerge as a leader in hyper-local Indoor Vertical Farming in the world to offer locally grown greens, that are pesticide-free, high in nutrients and available all-year round. The founders of FC, Mark Korzilius and Isabel Molitor and their team developed a fully automated indoor vertical cultivation technology, 'Dryponics', which is based on full climate control, modular hardware elements and a unique growth substrate. Our first farm is up and running since Summer 2017 and a patent for our Dryponics system has been granted.

Our farms are designed for the production of baby leaves, microgreens and herbs as well as fruity plants like strawberries, tomatoes, cucumber and other. In sharp contrast to today's existing value chain, where retailers dominate the game and more so product specifications, FC uses its hyper-local production hub to sell trustworthy, pesticide-free, highly nutritious products with superior taste and freshness directly to B2B and B2C.

Our Dryponics farms can be operated independent from external conditions enabling us to go to regions that are particularly prone to environmental stress such as the Middle East or cities of high population density such as the megacities of China. Our Dryponics technology is the basis for global scalability to pursue our mission of building 180+ farms around the globe by 2027.

Position: DATA ENGINEER

Start date: immediately

Description:

Data engineers are the central productive force of Farmers Cut. As a data engineer, your mission will be to build and maintain our extract-transform-load infrastructure which consumes raw data and transforms it to valuable plant insights. Your daily challenges will be to mine a wide range and variety of new datasets of all sort, build new datasets, extract and create new features. These features and insights are either directly used as part of our recipes or as a signal in our machine learning algorithms.

Responsibilities:

- Extract, cleanup, structure and transform complex raw and processed datasets to extract insights from it
- Retrieve a wide variety of datasets and integrate them into the data pipeline
- Create and maintain an efficient data infrastructure
- Continuously provide new ideas to improve our engines and products

What we're looking for:

- BSc or MSc in Computer Science or equivalent
- Proficiency in at least one object-oriented programming language (preferably Python) and at least one scripting language
- In-depth understanding of basic data structures and algorithms



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- Familiarity with software engineering best practices (clean code, code review, test-driven development, ...) and version control systems
- Experience with the ETL and data processing tools we're using is a strong advantage:
 - Python, Pandas
 - Luigi and PySpark
 - PostgreSQL and PostGIS
 - Scikit-learn and Tensorflow
- Working experience with cloud providers (Google cloud, AWS or Azure)
- Advanced knowledge of relational databases
- Experience with Docker and Kubernetes orchestration is a strong advantage
- Understanding of core machine learning concepts is an advantage
- Worked previously in 'agile' team(s) and are looking forward to doing it again

Please send you application to Isabel at im@farmerscut.com including your resume and cover letter (German or English). We are looking forward to hearing from you!