We are looking for an ambitious talent to join our Production Process Mining team as

Data Scientist (f/m)

Who we are

Started as a Spin-Off of the WZL of RWTH Aachen University, we are now a strongly growing start-up with close links to both industry and academia. Our focus is on the development and application of process mining software to analyze or correlate production process and quality data using machine learning. For us, machine learning is not a marketing claim. The dedicated development team of IconPro uses and implements highly complex algorithms to bring the analytical power of our production process mining software to the next level and to our customers. In addition, we offer our competences for individual consultancy projects and workshops.

Your start @IconPro

As Data Scientist you develop and optimize automated analytics solutions to handle production process data in industrial use-cases. You design and implement machine learning prototypes and scalable algorithms for specific projects as well as for our product applications. Therefore, you exchange ideas with our customers, support our project teams and work closely together with our core development division to integrate mature algorithms into the backend of our software. Your work also helps to reduce algorithmic complexity, computational cost, cache misses and to increase compression rates and to optimize query plans.

You should bring an attitude to tackle problems hands-on and work together with a team towards finding the best solutions for diverse challenges. You care about code quality, software design and understand the importance of code reviews. Your contribution is important for us: Expect to get involved on the first day!

What you should bring to the table

- Successfully completed master's degree (or bachelor's degree) in a STEM field

- Advanced programming skills in C++, Java and/or Python

- A quick comprehension of complex interrelationships

- Open-mindedness, curiosity and motivation

- A passion for new challenges and dealing with customers

Bonus points for experience with

- Machine learning

- Handling data structures for large amounts of data

- Query processing and the underlying algorithms and data structures

- Testing / Continuous Integration / Continuous Deployment

- Docker / Kubernetes / Rancher

What we offer

- A brand-new office near Aachen city

- A highly motivated international team

- Team events and flexible working hours

- Coffee, sweets, seating bags and more fun stuff

- Above-average salary & quickly taking on responsibility

Did we pique your interest? We look forward to receiving your application via our online application form.