Linux-and-Mac-Network-and-System-Administrator

APPLY NOW

Context

Participate in the scientific adventure of in silico materials design by maintaining, expanding and securing a complex IT environment!

We have pioneered and become the world-leader of organic Crystal Structure Prediction. With our pharmaceutical industry customers and staff from all around the world, we are inventing the next generation of software tools for in silico materials design.

Support us to make it happen!

The position is full time, permanent, and exclusively on-site (no remote office). As part of an English and German speaking team you work in close collaboration with three IT colleagues. You report to Dr Marcus Neumann, the Science and IT Director and to Elsa Gheziel M.Sc., the HR, Communication and Administration Director. Starting date until 2025, except in August and December.

You play a key role in managing and maintaining a tailor-made diverse IT Environment designed for security and efficiency, including:

- high performance computing on thousands of cores

- an heterogeneous, though well-structured network

- infrastructure monitoring at several sites

- an open-source virtualization platform for all office servers

- a rich range of business and scientific applications both on-prem and in the cloud

- physical infrastructures such as air-conditioning, alarm systems

Avant-garde Materials Simulation puts the principles of sustainable development into practice and offer an industrial working environment with an academic touch. We are a multi-cultural team that develops software for a global market.

Our offices are located in Freiburg (Merzhausen), Germany, on the border of the Black Forest. The city has a rich student life with a variety of places to unwind after work. The residential areas offer green, calm surroundings that are ideal for healthy lifestyles and families. Close to France and Switzerland, the Black Forest is one of Germany's most touristic regions known for the beauty of its lakes and landscapes. In the wintertime the region offers good opportunities for alpine and cross-country skiing.

Your responsibilities

- Install and configure software and hardware (desktops, printers, servers, network devices, …)

- Care for technical, but not computer-orientated devices, like cooling or lighting systems, alarm systems, smartphones, ….

- Develop and maintain local networks in ways that optimize performance

- Set up accounts and workstations

- Ensure security through access controls, backups and firewalls

- Provide orientation and guidance to users on how to operate new software and computer equipment

- Organize and schedule upgrades and maintenance without deterring others from completing their work

- Monitor performance and maintain systems according to requirements

- Perform troubleshooting to diagnose and resolve problems (repair or replace parts, debugging etc.)

- Maintain records/logs of repairs and fixes and maintenance schedules

- Extend our internal wiki with technical documentation, manuals and IT policies

- Support the HR Director on the fly to up-date the corporate website

- Identify computer or network equipment shortages and place orders

Your profile

Soft skills: do you share our vision and values?

- You are committed to reduce the environmental footprint of our infrastructure and care about Ethics in Business

- Strong ability to (re)set priorities in close collaboration with management

- Loyalty and team spirit: serving a common purpose and empowering your colleagues is more important to you than playing power games to expand your area of influence

- Dialog-oriented: strong ability to communicate and cooperate with staff members who are not experts in your field (no jargon please)

- To support people you first take the perspective of the user and ensure you really understand their need

- Creativity and initiative when standard solutions have failed

- You feel confident to openly report difficulties and errors whenever needed

- Intercultural awareness: our teams come from all over the world. Your working style adapts to different mentalities and cultural contexts

Hard skills: do you bring in...?

- No specific degree required

- Linux system administration

- Networking, routing and switching

- Best practices around management, control, and monitoring of server infrastructure

- Firewalls, Internet VPN's remote implementation, troubleshooting and problem resolution

- Scripting languages like Bash, Python and Ruby

- Setting up and configuring of workstation, server, printer, network hardware

- Backup and recovery software and methodologies

- Up-date and maintenance of corporate website and wiki documentation

APPLY NOW

What we offer: a workplace to shape your future

We are a small family business with short communication paths. The impact of your work is immediately visible and directly supports other team members.
We aim to provide a professional environment in which people from all over the world at different stages of their lives can find the work-life balance that suits them.
Because we care about our employees, our customers' needs, scientific progress and the planet, working at AMS does have a meaning.

- Flexible work time management around core hours

- Free organic coffee & teas, healthy snacks

- Resilient, organic garden with a planter where employees can grow their own fruits and vegetables

- A quiet workplace with the quality of a living space

- Job specific training

- Yearly: 28 days paid leave (full time based) + about 10 days public holidays

- Equal opportunity policy

- Help with settling in if you are located outside Germany

What about recruitment at Avant-garde Materials Simulation?

Avant-garde Materials Simulation Deutschland is an equal opportunities recruiter: your application is welcome regardless of your age, gender, ethnic origin, disabilities or religion/beliefs.

What matters most to us, beyond your skills and experience, is your mindset. Tell us more about your philosophy at work and your soft skills in your application form under Your Motivation-s.

Step 1

Fill-in Application Form, and you get notified in case of successful completion.

Step 2

Pre-screening of candidates by AMS Human Resources, and you get notified about early rejection, or Step 3.

Step 3

You are invited to take some hard and soft-skills tests, and you get notified about rejection, or Step 4.

Step 4

Remote interview, and you get notified about rejection, or Step 5.

Step 5

On-site day in Freiburg: series of hands-on tests and interviews with AMS Management and the concerned Department.

Step 6

Decision on job offer, you get notified within 2 weeks.

Curious?

Visit our Website

Discover Avant-garde Materials Simulation Deutschland GmbH. Sharing common values is the basis for a diverse and happy Team!

Our mindset

- We are addicted to innovation
- Our software is used by many large pharmaceutical companies
- Our customer's problems are our problems
- We are a family business
- We do business to invest in science, not the other way around

Our Business Ethics

- Sustainable development

- Renewable energies

- Soft mobility and CO_2 offset for travels

- Low energy consumption

- A culture of respect and openness towards colleagues and partners