System Administrator Hiwi

The cvhci currently operates a system of 80 machines which are operating within a local network. We would like to hire you as a skilled System Administrator Hiwi to join our team. The successful candidate will be responsible for supporting us with the migration of our system to a new domain, integrating additional devices into our system, addressing urgent user requests, and maintaining the overall health of our systems. Our ideal candidate is a proactive learner with potential in Linux, willing to enhance their skills in Kerberos, LDAP, and virtualization under our mentorship.

Key Responsibilities

- Support us with the migration of the system to a new domain, ensuring minimal downtime and data integrity.
- Integrate additional machines into the existing network, ensuring seamless connectivity and functionality.
- Conduct system maintenance and updates, addressing second or third-level support technical issues (very occasionally first-level support questions).

Requirements

Must Have
- Proficiency in Linux systems
- Understand how to operate services with configuration files
- Basics in networking, e.g. IPv4, ideally also IPv6, opening or closing ports, etc...

Nice to Have
- Experience with Nagios & Webservers and more advanced network management
- Experience with Kerberos, LDAP
- Familiarity with KVM or LXC virtualization, ideally on the command line.

Details

- 30-40 hours/month, ideally two or more semesters
- Collaborative work with PhD students ensuring guidance and team integration
- Starting as soon as possible

Contacts

Please send your application to Alexander Jaus (alexander.jaus@kit.edu) or Yufan Chen (yufan.chen@kit.edu), we look forward to meeting you!