Saarland University is a campus university with an international reputation for research excellence, particularly in computer science and in the life sciences and nano-sciences. The university is also distinguished by its close ties to France and its strong European focus. Around 17,000 students, studying over one hundred different academic disciplines, are currently enrolled at Saarland University. Saarland University is officially recognised as one of Germany's family-friendly higher-education institutions and with a combined workforce of more than 4000 it is one of the largest employers in the region.

The **Big Data Analytics Group** is inviting applications for the following position commencing **soon thereafter.**

Research assistant (m/f/x)

Reference number W1750, salary in accordance with the **German TV-L salary scale**[1], pay grade: **E10 or E13** according to academic qualification, 100 % of standard working time, employment period: **until February 2021 with a possibility for extension**.

Workplace/Department:

Big Data Analytics Group

Job requirements and responsibilities:
We are offering several **Software Engineer** positions in our group for an upcoming spin-off project: **ChainifyDB** (https://www.chainifydb.com). Our goal is to transform the research prototype into a market-ready commercial product by the end of 2020. We are planning to found a company around this project in early 2021, and this could be an excellent chance for you to become a part of a revolutionising next-generation Start-Up. ChainifyDB is a platform that aims to transform an existing Database Infrastructure of the Businesses into a Blockchain Infrastructure to redefine the trust between the organisations.

Your goal will be to help us implement a commercial version of ChainifyDB by contributing to the **BackEnd**, **FrontEnd**, or the **Extensive Test Framework**. You will also contribute to the extensive research required to ensure that ChainifyDB is a high performance, user-friendly, and easy to adapt platform for our business partners.

Your academic qualifications:
- B.Sc./M.Sc. in Computer Science or related field.

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[1] TV-L = collective agreement on remuneration of public sector employees in the German *Länder*
The pay grade assigned to an employee depends on their professional qualifications and the number of years of service. Each pay grade is further subdivided into levels. Entry-level employees with no previous experience will initially be assigned a level 1 rating. After one year at level 1 of the E10 pay grade, an employee will move up to level 2. After a further two years, the employee will move to level 3, etc.

The successful candidate will be expected to:

- You have excellent programming skills in Golang/C++ or similar languages for BackEnd/Test position and Javascript, HTML5, and CSS for FrontEnd position and you have a good understanding of Computer Science with some basics of Software Lifecycle.
- You have a passion for learning new technologies and programming languages.
- You have contributed to large projects. Experience with **Distributed Systems** is a plus.
- Basic knowledge of **Cryptography and Consensus protocols** is a plus.
- Basic knowledge of the **internal design of a Database System** is a plus.
- You have excellent communication skills.

What we can offer you:

- A flexible work schedule allowing you to balance work and family

- A broad range of further education and professional development programmes

- An occupational health management model with numerous attractive options, such as our university sports programme

- Supplementary pension scheme (RZVK)

- Discounted tickets on local public transport services ('Jobticket')

Please refer to reference **W1750** in your application. Closing date for applications is **31 October 2020, but we encourage you to apply for the position as soon as possible**. Please, submit your Resume/CV, and a letter of motivation detailing how you meet the qualifications (one single pdf-file) at jobs(AT) chainifydb.com
If you have any **questions**, please contact us for assistance. Your contact:

Dr. Ankur Sharma
Email: ankur(AT)chainifydb.com
Telephone: +49 681 302 70144

Dr. Felix Schuhknecht
Email: felix(AT)chainifydb.com
Telephone: +49 681 302 70146

In accordance with the objectives of its equal opportunities plan, Saarland University seeks to increase the proportion of women in this field. Qualified women candidates are therefore strongly encouraged to apply. Preferential consideration will be given to applications from disabled candidates of equal eligibility. The successful candidate has the option of choosing to work part-time in this position.

Pay grade classification is based on the particular details of the position held and the extent to which the applicant meets the requirements of the pay grade within the TV-L salary scale.

When you submit a job application to Saarland University you will be transmitting personal data. Please refer to our privacy notice for information on how we collect and process personal data in accordance with Art. 13 of the Datenschutz-Grundverordnung. By submitting your application you confirm that you have taken note of the information in the Saarland University privacy notice.