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Job advertisement

The State Criminal Police Office of North Rhine-Westphalia (NRW) is the central office fighting crime in NRW. We develop advanced investigative methods, analyze various phenomena and conduct sophisticated investigative proceedings. In many areas, the services of our approximately 1,840 employees are a decisive basis for preventing and solving crime in NRW. You, too, can be part of it.

We are looking as soon as possible for several

AI Experts (f/m/d)

for Department 41, Subdepartment 41.3 „Software Development“ (A13/14 LBesO A NRW)

Reader Service Code: 2022-Beamte-KI-Experten

With a new team of AI experts (f/m/d), we are strengthening our competencies in big data analytics using artificial intelligence. The team will be part of the Cybercrime Competence Center of the NRW State Criminal Police Office and will develop, implement and support innovative software solutions for the police. We work with agile methods (e.g., based on Scrum), and our requirements for the AI team are correspondingly agile.

What you can expect

- ✓ Design, develop, test, optimize, and deploy AI-based analysis or evaluation methods,
- ✓ Identification, evaluation, and development of suitable methods
- ✓ Acquisition, preparation, and/or generation of training and test data
- ✓ Assessment, use, and enhancement of AI systems and other relevant tools

This vacancy announcement is addressed to

- Candidates (German citizens according to Art. 116 Para. 1 of the Basic Law for the Federal Republic of Germany or the nationality of another member state of the European Union or another state party to the Agreement on the European Economic Area or a third country, which the Federal Republic of Germany and the European Union have contractually granted a corresponding right to recognition of professional qualifications) and employees executing a role in group 13 or group 14 of the applicable public service collective agreement (TV-L),

who meet the following requirements:

- Fulfilling the legal requirements for getting the status of a civil servant within the purview of the North Rhine-Westphalia civil services law; primary employment in a relevant field of at least two years and six months is required
- If the legal requirements for getting the status of a civil servant cannot be fulfilled, employment as a government employee is possible.

Mandatory skills

- ✓ Completed university studies in computer science or a comparable course of study in engineering or the natural sciences (diploma or master's degree, DQR level 7)¹
- ✓ Provable experience in the field of artificial intelligence or machine learning through relevant theses, student activities, or professional experience (work and internship certificates)¹
- ✓ Extensive practical experience in software development in the field of artificial intelligence/machine learning
- ✓ Excellent programming skills in C#, Java, Python, or comparable languages

¹ Evidence must be translated into German and submitted certified. In addition, proof must be provided of the equivalence of degrees acquired outside of Germany with degrees that can be achieved in the Federal Republic of Germany.

What we would like to see

- ✓ Excellent knowledge of English
- ✓ German language skills
- ✓ Experience with current artificial intelligence technologies such as Keras, scikit-learn, PyTorch, or TensorFlow
- ✓ Experience in computational linguistics (natural language processing), computer vision, automatic speech recognition, or Big Data analysis
- ✓ Experience in agile methods, for example, Scrum

In addition, you bring the following skills with you

- ✓ Ability to work in a team
- ✓ Willingness to cooperate and ability to deal with conflicts
- ✓ High desire to innovate and learn
- ✓ Independence and result orientation

To work for the North Rhine-Westphalia police, you must undergo a security check following the NRW Security Check Act (Sicherheitsüberprüfungsgesetz NRW - SÜG NRW)², which you and your wife/husband or your partner with whom you live in a marriage-like relationship must agree to.

The selection decision is made by the principles of selecting the best candidates within the meaning of Article 33 (2) of the German Basic Law. We, therefore, verify the competencies required in the invitation to tender as part of a structured interview.

The performance of the job in part-time employment is possible in principle.

What we offer

- excellent technical equipment
- modern working environment
- work predominantly remote
- opportunities for further training
- flexible working time models
- good compatibility of family & career

We promote the professional development of women. We, therefore, particularly welcome applications from women. Women are given preferential consideration by the provisions of the LGG NRW and the LBG NRW unless reasons relating to the person of a competitor prevail.

² Security Clearance Act of North Rhine-Westphalia dated 23.02.2022

We endeavor to recruit severely disabled persons and persons of equal status within the meaning of Section 2 of the Social Code IX (SGB IX); applications from this group of persons are expressly encouraged.

[Data protection notice \(link\)](#)

In the context of the application process, attention is drawn to the applicability of Section 18 of the Data Protection Act of North Rhine-Westphalia (in German)

[Information on the processing of personal data by the LKA NRW for job advertisements](#)

Have we sparked your interest?

Then send your application **by e-mail** with the subject **2022-Beamte-KI-Experten** to BewerbungBeamte.LKA@polizei.nrw.de by **05.02.2023**.

Please include the following with your application:

- | | |
|--|---|
| ✓ Cover letter and curriculum vitae in German or English | ✓ Professional qualifications ¹ |
| ✓ Proof of citizenship | ✓ Employment references ¹ |
| | ✓ Certificates of further education and training ¹ |

Special features for applicants with a nationality other than

- ✓ During the selection procedure, a current European certificate of good conduct must be submitted as part of the criminal record check.
- ✓ For employment as a civil servant, health suitability must be checked. In this connection, applicants must undergo a medical examination by a public health authority in Germany before they can be appointed as civil servants.

Please note that the date of receipt of the application by the LKA NRW is decisive for meeting the deadline, as mentioned earlier. Submission of the original certificates may be expected at a later date, and missing documents will not be requested. The application documents submitted are valid.



Your contact persons

For technical questions about the advertised positions:

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We look forward to receiving your application.