Im UKB werden pro Jahr etwa 500.000 Patient*innen betreut, es sind ca. 9.000

Mitarbeiter*innen beschäftigt und die Bilanzsumme beträgt 1,6 Mrd. Euro. Neben den über 3.300 Medizin- und Zahnmedizin-Studierenden werden pro Jahr weitere 585 Personen in zahlreichen Gesundheitsberufen ausgebildet. Das UKB steht im Wissenschafts-Ranking sowie in der Focus-Klinikliste auf Platz 1 unter den Universitätsklinika (UK) in NRW und weist den dritthöchsten Case Mix Index (Fallschweregrad) in Deutschland auf.

IT

Vollzeit

Software Engineer/Developer (m/f/d) Division for Computational Radiology & Clinical AI (CCIBonn.ai)

♡

ST-23064

The following **full-time (38.5 hours/week)** is to be filled as soon as possible in the **Division for Computational Radiology & Clinical AI (CCIBonn.ai)** of the University Hospital Bonn:

Software Engineer/Developer (m/f/d)

Due to funding regulations, the position is limited to 3 years.

We, at the division for Computational Radiology & Clinical AI (CCIBonn.ai) at the University Hospital Bonn / University of Bonn (PI: Philipp Vollmuth – Full Professor of AI in Medical Imaging), are seeking applications for Software Engineer positions to support our software platform team. Our research group has consistently contributed to leading journals and conferences, and we are developing various tools to support our research projects. You can check out our work on our GitHub organizations (OpenRadX and CCIBonn). This opportunity offers a unique chance to work at the forefront of medical AI and contribute to substantial advancement in the medical field. You will be part of a dynamic team that bridges the gap between cutting-edge AI research and clinical application, ensuring that our software tools are robust, efficient, and user-friendly.

Ihre Aufgaben

- Develop, test, and maintain software applications for computational radiology and medical AI
- Program backend and frontend code for tools like ADIT (Automated DICOM Transfer Tool)and RADIS (Radiology Report Archive and Discovery System)
- Work closely with researchers and clinicians to implement and enhance application features
- Write technical documentation
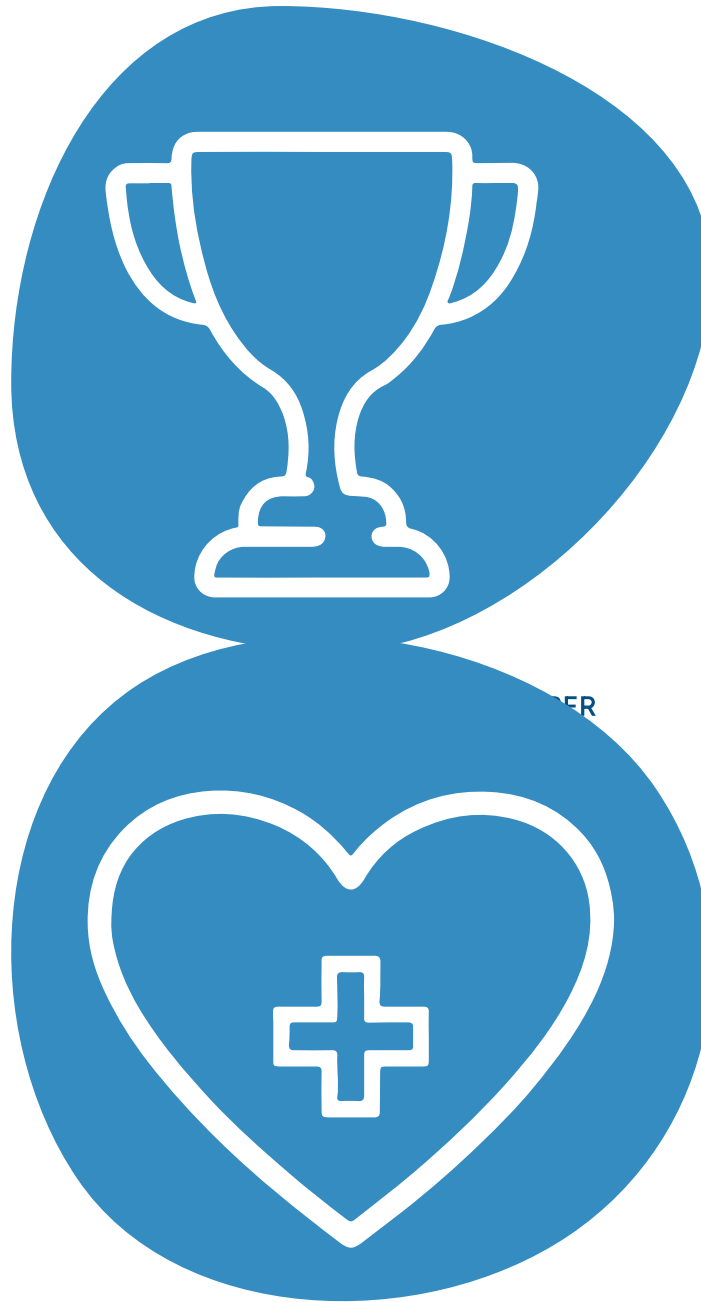
Ihr Profil

- A bachelor's or master's degree in computer science, software engineering, or a related field
- Proficiency in web programming and expertise in programming languages such as Python and JavaScript/TypeScript
- Experience with tools and frameworks such as Django, pytest, PostgreSQL, and Docker is advantageous
- Knowledge of medical imaging data, DICOM standards, and/or NLP is considered a plus
- Strong problem-solving skills and the ability to work collaboratively within a multidisciplinary team
- Excellent communication skills in English, both written and verbal

We offer:

- Competitive 3 years contract within TV-L E10 resp. E13 (with Bachelor's resp. Master's degree)
- Exclusive access to the latest and powerful computing resources (Multiple NVIDIA DGX H100 clusters)
- Collaborate with a dynamic and multidisciplinary team bridging AI research and clinical application
- Opportunities to attend national and international conferences (e.g. MICCAI, CVPR)
- Potential for being involved in industry collaborations
- Enjoy flexible working hours and the option for remote work or home office arrangements, ensuring work-life balance
- Support for professional development, such as earning certifications or attending lectures and workshops that match your interests.

- You'll have the opportunity to work on impactful open-source initiatives, collaborate with a global community, and advance your career in the dynamic field of medical AI

Wir bieten

ER

BEZAHLUNG NACH TV-L

PRÄMIEN & SONDERZAHLUNGEN

START MIT SYSTEM

ATTRAKTIVSTE AUSBILDUNGSSTÄTTE

Weitere Benefits >

Wir setzen uns für Diversität und Chancengleichheit ein.

Unser Ziel ist es, den Anteil von Frauen in Bereichen, in denen Frauen unterrepräsentiert sind, zu erhöhen und deren Karrieren besonders zu fördern. Wir fordern deshalb einschlägig qualifizierte Frauen nachdrücklich zur Bewerbung auf. Bewerbungen werden in Übereinstimmung mit dem Landesgleichstellungsgesetz behandelt. Die Bewerbung geeigneter Menschen mit nachgewiesener Schwerbehinderung und diesen gleichgestellten Personen ist besonders willkommen.

Do you meet our requirements and are you looking for a varied and challenging job? Do not hesitate and send us your application to contact@ccibonn.ai (CC: kai.schlamp@ukbonn.de) including your CV and a short cover letter about yourself (~ 1 page) until 08.07.2025.

Division for Computational Radiology & Clinical AI

Universitätsklinikum Bonn

Venusberg-Campus 1

53127 Bonn

contact@ccibonn.ai

Wir haben Ihr Interesse geweckt?

Jetzt bewerben >

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