Constructor University (formerly Jacobs University) is a private, state-accredited, English-language university in Bremen. We offer Bachelor, Master, and PhD programs in three schools: School of Science, School of Computer Science and Engineering, and School of Business, Social and Decision Sciences. Our principles are first-class teaching and research, international diversity, and transdisciplinary cooperation. According to the 2024 Times Higher Education (THE) World University Rankings, Constructor University is among the top 25 percent out of more than 1900 universities worldwide and is ranked as the second most international university in the world. As an international university, we attract highly talented and open-minded students from all over the world. Currently, over 1,600 students from 110 nations live and study on our residential campus.

Constructor University is currently driving an ambitious expansion of research related to Computer Science, Software Engineering, and Data Science. In this context, a new Assistant Professorship with a focus on Computer Security has been opened in the School of Computer Science and Engineering. Accordingly, Constructor University invites applications from interested candidates for the following position, to be filled ideally by August 2024:

Assistant Professor of Computer Science (m/f/d)

(Computer Security)

(full time; tenure track)

Your responsibilities:

You will support our research and teaching activities in the field of Computer Science by establishing an independent research group focusing on research topics related to device, network, system, application, or data security. Possible areas of interests are:

- Microarchitectural security, trusted execution environments, post-quantum cryptography
- Network protocol security, denial-of-service protection, network attack identification
- Hypervisor and operating system security, cloud security, confidential computing
- Software vulnerability and malware analysis, control flow protection and verification
- Data anonymity, homomorphic encryption schemes, cryptographic key management

The successful candidate will be teaching courses at Bachelor and Master level (for example Secure and Dependable Systems; Cryptography; System Security; Network Security; Data Security and Privacy), supporting and advising students on their studies and supervise Bachelor, Master and PhD theses and research projects.

The university is highly supportive of junior faculty, providing both formal and informal mentoring, administrative support, as well as a flexible budget for establishing an internationally visible research group. Several opportunities exist to develop transdisciplinary research projects in collaboration with other research groups or our industrial partners.

Your qualifications:

- PhD degree in the field of Computer Science
- Strong publication record related to computer security.
- Proven experience and success in teaching in international and diverse environments
- Demonstrable interest in innovative teaching and learning approaches.
Excellent verbal and written communication skills
Fluency in English, the language of instruction and communication on campus
Intercultural experience and competence

What you can expect at Constructor University:
Constructor University unequivocally guarantees the academic freedom of every member of the faculty, as well as every other member of the Constructor University community. We encourage diversity in the University in ethnic, cultural, social, religious, political, and national backgrounds, as well as in individual lifestyle. Constructor University offers full equality of opportunity to all qualified applicants and is an equal opportunity employer.

Constructor University consistently achieves top results in national and international university rankings.

In the CHE Ranking, the most comprehensive and detailed ranking of the German-speaking higher education landscape, Constructor University has achieved top placements every year since its first participation in 2005.

- The result counts: trust working hours for work-life balance
- Possibility to work remotely
- Individual on-boarding, career- and development planning
- Company fitness program offers with EGYM Well Pass (former Qualitrain)
- Green campus with recreation areas, take the tour: https://info.constructor.university/campustour/
- Constructor University has extensive programs on sustainability and environmental sustainability

Your application:
For any further information regarding this position, please contact Prof. Alexander Omelchenko via Mail (aomelchenko@constructor.university) or job-application@constructor.university.

Apply today - it’s simple and uncomplicated. We look forward to getting to know you.

Please upload your documents in a single PDF document, including a letter of motivation stating your field of expertise, curriculum vitae, teaching portfolio and publication record, copies of certificates and diplomas, certification of English proficiency (optional), and the names and addresses of two referees in our application management system. In order to do so, click here to go to our website.

Click on the Apply Button and proceed through the individual steps to complete your application. The deadline for submission of applications is 15.01.2024 (EOB).

The offered position is tenure track, with review of performance after a first contract of three and a second contract after another three years. Successful evaluation leads to permanence and typically promotion to associate professor level.

The review of applications will begin immediately. Please note that only applications submitted through the official application portal will be considered for recognition.