

## Associate Professor

Ecole/Institution/Société:

**Leiden University, Netherlands / Leiden**

Discipline:

**Computer Science**

Type d'emploi::

**Full-time**

Date de publication:

**2025-02-23**

Personne à contacter:

**If you wish to apply for this position, please specify that you saw it on AKATECH.tech**

Assistant Professor in Computer Science

Vacancy number: 15461

Job type Hours (in fte): 0,8-1,0

External/ internal: External

Location: Leiden

The Faculty of Science and the Leiden Institute of Advanced Computer Science (LIACS) is looking for a:

About this position

The Faculty of Science, through the Leiden Institute of Advanced Computer Science (LIACS), invites applications for an assistant professor (0.8-1.0 FTE) position in Computer Science. We are seeking a candidate with expertise in Programming, Algorithms, and/or Software (Engineering), preferably with a research interest in how modern artificial intelligence methods can be leveraged for code

generation, optimization, debugging, and/or testing. We are especially interested in candidates with the ability to teach an introductory bachelor-level course on programming in C++. As the candidate will be involved in education in the Dutch Informatica bachelor programme, proficiency in Dutch is highly desirable. Apart from doing research and teaching, the candidate is expected to secure funding and supervise bachelor and master students.

The successful candidate will be embedded in one of the research groups at LIACS, the Computer Science and AI department of Leiden University, depending on the precise area of the candidate's expertise, and will benefit from our open culture of cross-group collaboration.

#### Key responsibilities

Conduct independent research in your area of expertise;

Teach two courses annually, including at least one introductory C++ course at the bachelor level;

Obtain the University Teaching Qualification (BKO) within 2 years of appointment

Supervise BSc and MSc students;

(Co-)supervise PhD students;

Secure external funding for research projects;

Participate in institutional committees and contribute to academic activities within the institute, Leiden University, and the broader Dutch academic community;

#### Selection criteria

PhD degree in Computer Science or similar field;

An academic, creative, and open mindset;

Ability to work independently, as part of a team, and in a supervisory role with students;

Demonstrated research independence at the postdoctoral level or beyond, evidenced by a strong publication record;

Good to excellent proficiency in English is required; proficiency in Dutch is strongly preferred;

Experience in teaching and supervising students, preferably at the bachelor level and in programming or software engineering;

Proficiency in C++ programming;

Willingness to start this position no later than mid-summer 2025;

## Additional information

Excellent candidates with a proven academic track record may be considered for an associate professor position. Applicants at this level should demonstrate:

A strong record of supervising PhD students and leading a research group.

Success in obtaining external research funding to finance the research group.

Significant teaching experience, including course development and coordination.

## Research at LIACS

The Leiden Faculty of Science is a world-class faculty where staff and students work together in a dynamic international environment. Our people are driven by curiosity to expand fundamental knowledge and to look beyond the borders of their own discipline. The research carried out at the Faculty of Science is diverse, ranging from artificial intelligence, computer science, mathematics, astronomy, physics, chemistry, and bio-pharmaceutical sciences to biology and environmental sciences. The faculty has grown strongly in recent years and now has more than 1,300 staff and almost 4,000 students. We are located at the heart of one of Europe's biggest bio-science parks, where university and business life come together. For more information, see [www.universiteitleiden.nl/en/science](http://www.universiteitleiden.nl/en/science) and [www.universiteitleiden.nl/en/working-at](http://www.universiteitleiden.nl/en/working-at)

The Leiden Institute of Advanced Computer Science (LIACS) is the Artificial Intelligence and Computer Science Institute of the Faculty of Science of Leiden University. We offer courses at the Bachelor and Master of Science level in the core areas of Artificial Intelligence, Computer Science, and Data Science, and in the interdisciplinary areas of Business, Creative Intelligence, and Bioinformatics. We are a highly international place to do research, committed to excellence in a supportive and inclusive environment. We value fun, inclusivity, openness, and teamwork, ensuring that excellence and enjoyment go hand in hand. At LIACS, we balance teaching and research, offering a clear and inviting career path for young and talented scientists with the ambition to grow. For more information about LIACS, see <http://www.cs.leiden.edu>

## Terms and conditions

We offer a position commensurate with your level of experience, initially for one year. After a positive evaluation of the progress of the research and personal compatibility, the appointment can be extended further to a permanent one. The salary ranges, depending on qualifications and experience, from € 4.537,- to € 6.209,- gross per month, following the pay scale 11 in accordance with the Collective Labour Agreement for Dutch Universities.

Leiden University offers an attractive benefits package with additional holiday (8%) and end-of-year bonuses (8.3 %), training and career development, and sabbatical leave. Our individual choices model gives you some freedom to assemble your own set of terms and conditions. For international spouses, we have set up a dual career program. Candidates from outside the Netherlands may be eligible for a substantial tax break.

## Diversity and inclusivity

LIACS fosters an inclusive and dynamic research environment with opportunities for interdisciplinary collaboration. We strongly encourage applications from candidates who can contribute to our diverse academic community. Diversity, equity, and Inclusivity are central elements of the values and vision of Leiden University, which is committed to becoming an inclusive community that enables all students and staff to feel valued and respected and to develop their full potential. Diversity in experiences and perspectives enriches our teaching and strengthens our research. High-quality teaching and research are inclusive.

## Information

Inquiries about this job opening can be made to Prof.dr. Marcello Bonsangue, scientific director of LIACS, email [m.m.bonsangue@liacs.leidenuniv.nl](mailto:m.m.bonsangue@liacs.leidenuniv.nl) If you have any questions about the procedure, please contact [jobs@liacs.leidenuniv.nl](mailto:jobs@liacs.leidenuniv.nl)

## Application

Please submit your application online no later than March 27, 2025, via the blue button in our application system. Please ensure that you attach the following documents:

A short cover letter of one page detailing your motivation to apply for the position.

Your research statement.

A full academic CV, including a link to your public Google Scholar profile page.

The names and contact information (email and phone number) of at least two persons who can be contacted for reference (and who have agreed to be contacted). There is no need to submit the reference letters at this stage of the application. 44 more days to apply

Personne à contacter:

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