

Postdoctoral and Doctoral Researcher positions in  
Artificial Intelligence/ Machine Learning  
Aalto University

Direct Link: <https://www.AcademicKeys.com/r?job=252626>

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Posted Feb. 3, 2025, set to expire Dec. 31, 2025

**Job Title** Postdoctoral and Doctoral Researcher positions in  
Artificial Intelligence/ Machine Learning  
**Department** T313 Dept. Computer Science  
**Institution** Aalto University  
, , Finland

**Date Posted** Feb. 3, 2025

**Application Deadline** Open until filled  
**Position Start Date** Available immediately

**Job Categories** Post-Doc

**Academic Field(s)** Computer Science

**Job Website** [https://aalto.wd3.myworkdayjobs.com/aalto/job/Otaniemi-Espoo-Finland/Postdoctoral-and-Doctoral-Researcher-positions-in-Artificial-Intelligence--Machine-Learning\\_R42172](https://aalto.wd3.myworkdayjobs.com/aalto/job/Otaniemi-Espoo-Finland/Postdoctoral-and-Doctoral-Researcher-positions-in-Artificial-Intelligence--Machine-Learning_R42172)

**Apply By Email**

**Job Description**

Researchers from Aalto University and the University of Helsinki are looking for Postdoctoral and/or Doctoral Researchers in multiple areas of Artificial Intelligence/ Machine Learning.

We are committed to fostering an inclusive environment with people from diverse backgrounds, and researchers from underrepresented groups are particularly encouraged to apply.

The deadline for applications is March 2nd, 2025 at 11:59 PM (23:59 UTC&#43;02:00). By applying to this call, organized by Helsinki Institute for Information Technology HIIT, you use one application to apply to positions for both of our hosting institutions, Aalto University and the University of Helsinki. Aalto University and the University of Helsinki are the two leading universities in Finland in computer

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science and information technology. Both are located in the Helsinki Metropolitan area, and the employing university will be determined by the supervising professor.

#### Research Groups

These positions are funded by individual researchers or research groups in the Helsinki ICT community. The Supervisors below are either at Aalto University or the University of Helsinki. Our researchers who are recruiting are listed with their research interests. They may be recruiting both a doctoral and postdoctoral researcher or just one of the two. More information about the professors and/or the research groups can be found below:

Recruiter

Research Group

Research Interests

Postdoc and/or Doctoral researcher

[url=https://www.cs.helsinki.fi/u/ahonkela/]Antti Honkela (UH)

[url=https://www.helsinki.fi/en/researchgroups/trustworthy-machine-learning]Trustworthy Machine Learning

differential privacy; privacy attacks; foundation models

both Postdoctoral and Doctoral Researcher

[url=https://kaski-lab.com]Samuel Kaski (Aalto)

[url=https://research.cs.aalto.fi/pml/]Probabilistic Machine Learning Group

Probabilistic Machine Learning; automatic experimental design; collaborative machine learning

both Postdoctoral and Doctoral Researcher

[url=https://scholar.google.com/citations?user=&#61;5uxmJmcAAAAJ&hl=&#61;fi&oi=&#61;ao]Heikki Mannila (Aalto)

[url=https://www.aalto.fi/en/house-of-ai]House of AI

Data Analysis; Sequential and time-series data; Structure discovery, matrix decompositions;

Applications of AI methods in energy systems and in manufacturing industry

only Postdoctoral Researcher

[url=https://kaip.iki.fi/]Kai Puolamäki (UH)

[url=https://www.helsinki.fi/en/researchgroups/exploratory-data-analysis]Exploratory Data Analysis group

explainable artificial intelligence; uncertainty quantification; machine learning in natural sciences

both Postdoctoral and Doctoral Researcher

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[url=https://scholar.google.fi/citations?user=&#61;JYN5cL4AAAAJ&hl=&#61;en]Juho Rousu (Aalto)

[url=https://www.aalto.fi/en/house-of-ai]House of AI

Structured output prediction; Interpretable non-linear models; Multi-view learning  
only Postdoctoral Researcher

[url=https://blogs.helsinki.fi/tiedeman/]Jörg Tiedemann (UH)

[url=https://blogs.helsinki.fi/language-technology/]Language technology

natural language processing; large language models; machine translation  
only Postdoctoral Researcher

[url=https://www.cs.helsinki.fi/u/tomescu/]Alexandru Tomescu (UH)

[url=https://www.helsinki.fi/en/researchgroups/algorithmic-bioinformatics/teams/graph-algorithms]Graph Algorithms and Bioinformatics

Algorithmic Bioinformatics; Experimental algorithms; Efficient implementations; Graph structures  
only Doctoral Researcher

Required Attachments:

(1) Cover letter (1-2 pages in length) which clearly states your motivation for applying to work with said supervisor, your future research plans and how you could contribute to the research produced by the supervisor and research area, and other relevant information.

(2) CV

(3) List of publications (please do not attach full copies of publications)

(4) For Postdoctoral researchers: A transcript of doctoral studies and the degree certificate of the doctoral degree

For Doctoral researchers: A transcript of Master's and Bachelor's studies and the degree certificate of the Master's degree

(5) Contact details of possible referees from 2-3 senior academic people. We will contact your referees if recommendation letters are required.

All materials should be submitted in English in a PDF format. Note: files should be 5MB max. You can upload up to five files to the eRecruitment system, each 5MB.

Ready to apply?

Please submit your application by March 2, 2025 (23:55 Finnish time) through the Workday recruitment system.

Note: If you are already an employee in Aalto University, please apply for the position via Aalto's internal Workday system (Career) using your existing Workday user account. If you are a student or visitor at Aalto, please apply using your personal email address (not aalto.fi) via the external Open

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Positions page.

**Contact Information**

Please reference Academickeys in your cover letter when  
applying for or inquiring about this job announcement.

**Contact**

Finland