

Position for Associate Professor in the Laboratory of Algorithmics,
Faculty of Information Science and Technology, Hokkaido University

April 26th, 2024

We are inviting applications for the position of Associate Professor in the Laboratory of Algorithmics, Research Group of Knowledge Software Science, Division of Computer Science and Information Technology, Faculty of Information Science and Technology, Hokkaido University.

Name of Recruiting Institution: Hokkaido University

Title of position: Associate Professor

Affiliation:

(Immediately after hiring) Laboratory of Algorithmics, Research Group of Knowledge Software Science, Division of Computer Science and Information Technology, Faculty of Information Science and Technology, Hokkaido University.
(Scope of change) Location as determined by the University.

Duties in education and Responsibilities:

(Immediately after hiring) Lectures, seminars, experiments, and exercise courses related to computer science and information technology (see Appendix 1).
(Scope of change) Duties as determined by the University.

Qualifications:

- (1) Applicant should have a doctoral degree or Ph.D.
- (2) Applicant should possess an advanced knowledge of theory and practical aspects of algorithms for machine learning and data mining with excellent research accomplishments and achievements (see Appendix 2).
- (3) Applicant should have the ability to provide instruction in subjects described in “Duties in education” both in Japanese and English.
- (4) Applicant should have the ability to undertake administrative tasks of the faculty, graduate school and undergraduate school in Japanese.

Application materials:

- (1) CV with recent photo, contact details (address, phone, and e-mail), academic record, job experience, and international society activity;

Remark:

- Applicant who has been employed by Hokkaido University from April 1, 2013 (any position, including Part-time Lecture, TA, TF, RA and Short-term Support Assistant, etc.) should provide full details of your employment history.

- (2) List of academic accomplishments

Please make a list in reverse chronological order

1. Reviewed journal articles (e.g., Articles published in academic journal)
2. Reviewed conference papers (e.g., Papers in the proceedings)
3. Survey articles
4. Book (including coauthor)
5. Keynote/invited talks
6. Other papers/presentations
7. Patents
8. Awards
9. Grants (Please add information whether the applicant is principal investigator of the grant or not)
- (3) Other accomplishments (e.g., Joint research with private company or public organization, free software)

Remarks:

- Please mark applicant in the list with a single underline

- Please indicate the impact factor (IF) and/or the number of citations for each reviewed publication (reviewed journal article / reviewed conference paper), if available.
- (4) Copies of 5 selected publications and their abstracts for each publication within 100 words (in English).
 - (5) Summary of the past academic and research activities within 500 words (in English). Please mention the role of your major research project activities including international collaboration, joint research with industry and academic projects such as Kakenhi.
 - (6) Future teaching plan within 500 words (in English). If he/she has experience in academic education, please mention such activities in the plan.
 - (7) Future research plan within 500 words (in English).
 - (8) The names of two references for the applicant, showing his/her name, institution, position, telephone number, and e-mail address.

Remark:

- Please note that an interview may be conducted if necessary. In that event, the applicant is responsible for any travel expenses.

Deadline for application: July 31st, 2024 24:00 (JST)

Scheduled starting date of employment: December 1st, 2024 or later

How to submit the above application documents (WEB Application Only):

Please submit the application documents by making a single ZIP file and uploading through the JREC-IN portal.

The ZIP file should contain PDF files of (1) – (7) and be named “Your Name.zip”.

Contact person:

Prof. Hideyuki Imai, PhD

Chair of Division of Computer Science and Information Technology

E-mail: csit-kobo@elms.hokudai.ac.jp

Employment status:

Full-time (Tenured)

Compensation:

- (1) Probation Period:
3 months.
- (2) Working hours, etc.:
Monday to Friday • Discretionary labor system for professional work based on the employee’s agreement or Fixed working hours system
* The working hour for a day is deemed as 7 hours and 45 minutes.
- (3) Salary:
National University Corporation Hokkaido University Salary Regulations for Faculty
Subject To Annual Salary System
- (4) Health insurance, etc.
 - Employee pension insurance
 - Mutual Association of the Ministry of Education, Culture, Sports, Science and Technology
 - Employment Insurance
 - Workers' accident compensation insurance
- (5) Measures to Prevent Second-hand Smoke
Smoking in designated areas only

Appendix

1. The successful applicant will partly or fully give the lectures listed below, for which the Laboratory of Algorithmics is responsible.
 - (1) Subjects in the Graduate School of Information Science and Technology:
Theory and Practice of Algorithms, Laboratory seminar, and others
 - (2) Subjects in the School of Engineering:
Information theory, Computer Programming I, Exercise in Computer Programming, Data mining and machine learning, Experiments and Exercise in Computer Science and Information Technology, Exercise in Technical English, and others.
 - (3) Subjects in the general education: The World of Science and Technology, Freshman Seminar, Introduction to Informatics II, and others.
2. The Laboratory of Algorithmics provides education and research on theoretical and practical aspects of algorithms for machine learning and data mining. Working through the research, they conduct research and education on their methods to analyze and solve real-world problems in science, industry, and societies using mathematics that includes discrete mathematics. Applicants also should have high motivation for the education of graduate and undergraduate students and the ability to participate in guidance for research and thesis. We invite applicants who will conduct research on machine learning and data mining from theoretical aspects or applicational aspects based on theories.
3. At Hokkaido University, we are actively promoting both education and research activities while relying on diverse human resources and gender equality. Therefore, we explicitly invite women qualified in the research field to apply. We are also actively supporting a satisfying work-life-balance and are thus creating ideal environments for people to reach their full potential.
4. Please refer the following URL for the current members of this division:
https://www.ist.hokudai.ac.jp/eng/staff/index_faculty_division.html