Assistant Professor of Computer Science (Tenure Track)
University of Vermont

Job Title	Assistant Professor of Computer Science (Tenure Track)
Department	Computer Science Department https://www.uvm.edu/cems/cs
Institution	University of Vermont Burlington, Vermont
Date Posted	Nov. 8, 2024
Application Deadline	Dec. 15, 2024
Position Start Date	August 2025
Job Categories	Assistant Professor
Academic Field(s)	Computer/Information Sciences
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Job Description	

Assistant Professor of Computer Science (Tenure Track)

The Department of Computer Science at the University of Vermont (UVM) invites applications for a tenure-track position at the rank of Assistant Professor, beginning August 2025. Areas of interest include but are not limited to cybersecurity, data privacy, trustworthy AI, and adversarial machine learning. Ideal applicants would show strong potential for transdisciplinary collaboration across campus in fields such as complex systems, cybersecurity, data privacy, engineering, environmental science, social sciences, and health sciences.

The Department of Computer Science is a growing research hub within the University with vibrant research including complex systems, security & privacy, formal methods, computational social science,

and AI/ML. The department is associated with UVM's Complex Systems Center and Center for Computer Security and Privacy, both of which are home to interdisciplinary research efforts supported by the National Science Foundation, the Department of Energy,?DARPA, and corporate sponsors including MassMutual, Google, and Amazon. The department encourages and invests in research excellence among junior faculty, and two department members received?NSF?CAREER?awards in 2023. The department has a rapidly growing graduate program, with the number of PhD students tripling since 2018.

Responsibilities
Faculty hired into this position are expected to build an independent research program that attracts external funding, teach undergraduate and graduate courses in computer science (including curriculum development), supervise Ph.D. and M.S. theses, advise undergraduate students, and participate in service to the department, university, and discipline.

Qualifications
The applicant must have a PhD in Computer Science or a closely related field by the start date. Competitive applicants should possess:

1. A track record of research excellence as appropriate to their seniority and the potential to build a sustainable long-term research agenda.

2. Demonstrated expertise or evident potential for outstanding teaching in computing field, at both undergraduate and graduate levels.

3. The ability to increase?UVM?Computer Science's research profile by building on existing strengths, forging new collaborations, and mentoring graduate students.

4. Strong communication and interpersonal skills, including during research talks, discussions with students and colleagues, in scholarly work, and in public outreach.

5. A strong commitment to embrace and advance the values of?UVM's Our Common Ground: Openness, Respect, Responsibility, Integrity, Innovation, and Justice.

Application Instructions
Applications must be submitted online at *http://www.uvmjobs.com/*(Position 005140). Applicants should provide:

1. **Curriculum vitae (no page limit)**that includes links to professional website(s) or Google Scholar page, if applicable.

2.**Cover letter (max 2 pages)**that describes how the applicant's expertise matches the position.

3. **Research statement (max 3 pages)**that details current research expertise and future research agenda in relation to the position.

4.**Teaching statement (max 2 pages)**that describes the applicant's teaching philosophy, experience teaching undergraduate and graduate computer science courses, and future courses they are interested in teaching.

5.**Inclusive Excellence statement (max 2 pages)**describing how, as a faculty member in the Department of Computer Science, you would enhance the impact of Our Common Ground Values, advance diversity and inclusive excellence at UVM, and among the populations we serve.

6. Name and contact information of?**at least three references?**entered into the?**application system (reference letters may be requested through the application system at a later stage of the recruitment process).

Applications without each of these components will not be considered. Applications will be reviewed on a rolling basis and applicants are strongly encouraged to submit all materials by December 15, 2024. A background check will be conducted on each final candidate and salary will be made at a level appropriate to the successful applicant's qualifications and experience. For further information, please contact Search Committee Chair, Dr. Joe Near at **jnear@uvm.edu**.

Information about the University
The University of Vermont (UVM), established in 1791, is a major research university with a current enrollment of over 12,000 undergraduate, graduate, and medical students. In the last fiscal year, the university has received more than $260 million in research funding. The scientific and academic environments across campus are dynamic, collaborative, and multi-disciplinary, Significant campus resources for research collaboration include: the Vermont Advanced Computing Core, the Vermont Complex Systems Center, the Larner College of Medicine, and the Gund Institute for Environment. The University's commitment to the growth of STEM disciplines, including computer science, data science, and complex systems, is evidenced by the recent construction of our new STEM Complex, the University's largest-ever capital project.

The University of Vermont is located in Burlington, Vermont, which is frequently rated as one of the

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best small cities in the USA for quality of life, year-round outdoor recreation and cultural events. Greater Burlington metropolitan area has a population of approximately 210,000 and enjoys a panoramic setting on Lake Champlain, bordered by the Adirondack and Green Mountains. It is only about 90 miles south of Montréal, Canada.

The University of Vermont is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other category legally protected by federal or state law.

The University of Vermont is especially interested in candidates who can contribute to the diversity and inclusive excellence of the academic community through their teaching, service and research, scholarship or creative arts. We are an educationally purposeful community seeking to prepare students to be accountable leaders in a diverse and changing world. Members of the University of Vermont community embrace and advance the values of Our Common Ground: Openness, Respect, Responsibility, Integrity, Innovation, and Justice. The successful candidate will demonstrate a strong commitment to the ideals of accessibility, inclusiveness, and academic excellence as reflected in the tenets of Our Common Ground.

EEO/AA Policy

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Contact Information

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

Contact   Dr. Joe Near
Department of Computer Science

Assistant Professor of Computer Science (Tenure Track)
University of Vermont

College of Engineering and Mathematical Sciences

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Burlington, VT 05405

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