

ALBERT NERKEN SCHOOL OF ENGINEERING COMPUTER SCIENCE TENURE-TRACK FACULTY POSITION

Posted On: November 5, 2025

Hours: Full Time

Description:

The Department of Computer Science in the Albert Nerken School of Engineering at The Cooper Union for the Advancement of Science and Art seeks outstanding candidates for a tenure-track faculty position in computer science. The school is consistently ranked among the top ten undergraduate engineering institutions in the nation and is focused on providing an exceptional engineering education through an intimate experience characterized by small class sizes and a student-faculty ratio of 7:1. We value interdisciplinary approaches and the intersection of art, architecture, humanities and engineering. Our students and faculty collaborate across disciplinary boundaries to create innovative solutions to societal challenges. The successful candidate will be dedicated to teaching and mentoring undergraduate students in a rigorous project-oriented and supportive academic environment and engaging undergraduate and master's students in research and scholarly activities. The ideal candidate should contribute to Cooper Union's strategic priority of educational innovation and leading-edge pedagogies. The candidate is expected to collaborate with faculty and staff to develop innovative curricular models, modern pedagogical paradigms, and evidence-based assessment techniques.

The candidate should be able and willing to teach broadly across the undergraduate computer science curriculum, including courses such as introductory programming, data structures and algorithms, software engineering, and advising project courses at all levels. Additional consideration will be given to those capable of creating opportunities for students at the intersection of computer science and other disciplines or with expertise in areas such as modern software engineering, distributed and cloud computing, networking and the internet of things, computer security, and human computer interaction. Candidates interested in contributing to our K-12 STEM outreach programs and in engaging students in competitions or service-learning in our community are also encouraged to apply.

The Cooper Union was founded in 1859 by philanthropist Peter Cooper to provide an education "equal to the best" to all who qualify, regardless of race, religion, gender, wealth or social status. Today, The Cooper Union provides a rigorous professional education in the Schools of Art, Architecture, and Engineering, including a broad curriculum offered by the Faculty of Humanities and Social Sciences. Fostering a culture of collaboration among a diverse student body and faculty, The Cooper Union teaches students that art, architecture, and engineering have cultural, environmental, and ethical contexts and consequences. As students develop their professional abilities, they recognize their responsibility to advance science and art and to create a sustainable future. We encourage and are interested in engaging with candidates from a diversity of experiences and perspectives with the talent to challenge our students to maximize their learning potential.

An earned doctorate in computer science or a closely related discipline is required. Interested and qualified candidates should submit the following in one searchable PDF document with the candidate's last name and first name as the file name:

- A cover letter. To assist the search committee, all cover letters should address your interest in The Cooper Union and how you envision your teaching and research interests will contribute to the department and the institution.
- A current curriculum vitae.
- A statement about your teaching philosophy: describe principles, practices, or experiences that inform the way you teach (typically 1-2 pages).
- A statement about your research interests, including potential research projects for undergraduates (typically 1-2 pages).
- Contact information for at least three references. At least one reference should be able to specifically address teaching.

Nominations should be sent to hr@cooper.edu and questions may be sent to Computer Science Chair Sam Keene at keene@cooper.edu. Review of applications is ongoing with a priority deadline of December 20, 2025 and will continue until the position is filled.

The Cooper Union offers faculty a competitive compensation and benefits package covering health insurance, retirement benefits, paid parental leave, and savings programs. While the final salary is negotiated based on expertise, skills and experience, the starting salary is approximately \$110k.

This is a unionized position.

The Cooper Union for the Advancement of Science and Art is an Equal Opportunity Employer.

Email materials to: hr@cooper.edu



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