



GALLOGLY COLLEGE OF ENGINEERING SCHOOL OF COMPUTER SCIENCE

The UNIVERSITY of OKLAHOMA

February 2021

The University of Oklahoma's School of Computer Science, kindly request you to share this email with your faculty and graduating Ph.D. students. We are actively recruiting in all faculty ranks.

Join OUR Expanding School

The OU School of Computer Science is seeking qualified candidates to apply for the multiple positions we have open:

- Cybersecurity (Tenure-Track or Tenured Associate/Professor of Computer Science – Tulsa Campus) <https://apply.interfolio.com/80855>
- High Performance Computing (Assistant Professor or Associate Professor or Professor of Computer Science and Meteorology) <https://apply.interfolio.com/81340>
- Data Science and Analytics/Big Data Management (Tenure-Track Assistant Professor) <https://apply.interfolio.com/82743>
- Data Science and Analytics/Healthcare Applications (Tenure-Track Assistant Professor) <https://apply.interfolio.com/82747>
- Data Science and Analytics/AI Architectures (Tenure-Track Assistant Professor) <https://apply.interfolio.com/82748>

Department Highlights

- 20 full-time faculty, 19 of whom are tenured/tenure-track faculty
- PhD, MS, and ABET-accredited BS programs in Computer Science
- Graduate and undergraduate degrees and certificates in Data Science & Analytics in conjunction with the OU School of Industrial and Systems Engineering
- Located in the newly constructed Devon Energy Hall on the northeast corner of OU's main campus in Norman, known as the flagship institution of the State of Oklahoma

Research Highlights

- Annual research expenditures approximately \$1.6 million and \$5.1 million grants-in-force, currently
- Receipt of \$20 million grant to lead inaugural NSF A.I. Institute
- Availability of the OU Supercomputing Center (OSCC)
- Strong research collaborations and opportunities with the National Weather Center, OU Health Sciences Center, and others



<https://www.ou.edu/coe/cs>

School of Computer Science
University of Oklahoma
110 W. Boyd Street – DEH #150
Norman, OK 73019

Additional Details: Five Open Positions in the School of Computer Science, OU

The School of Computer Science in the Gallogly College of Engineering at the University of Oklahoma (OU) is seeking applications for five tenured/tenure-track faculty positions:

- 1) **HPC:** Tenured/tenure-track faculty position in high-performance computing (HPC) emphasizes meteorological applications, including but not limited to numerical modeling of weather and climate focused on seasonal-to-sub-seasonal predictions, modeling, and satellite-data mining, and remote sensing, retrieval, and optimization.
<https://apply.interfolio.com/81340>
- 2) **Cybersecurity:** Tenured/tenure-track faculty position with demonstrated research skills in one or more cybersecurity areas to work at our University's Schusterman Center in Tulsa, Oklahoma. More specifically, we are looking for candidates with research experience in cybersecurity at the associate or full professor level. This position is a leadership position and will have an additional role as an Associate Director who will lead our program's ongoing expansion at OU's campus in Tulsa, Oklahoma. <https://apply.interfolio.com/80855>
- 3) **Data Science and Analytics:** We are recruiting three Tenure-Track faculty positions at the rank of assistant professor with an emphasis in each of the subareas:
 1. Big Data Management (<https://apply.interfolio.com/82743>)
 2. Healthcare applications (<https://apply.interfolio.com/82747>)
 3. AI Architectures (<https://apply.interfolio.com/82748>).

We seek candidates whose research, teaching, and service have prepared them to be integral contributors to the advancement of our inclusive and diverse communities for all the positions above. Candidates for all positions must hold a Ph.D. in Computer Science or a related field and be able to effectively conduct and lead research, form research collaborations, teach computer science courses at all levels, and advise M.S. and Ph.D. students in Computer Science.

The HPC position is a joint position between the School of Computer Science and the School of Meteorology, located at the University's Norman Campus. We will consider appointments at all ranks as appropriate to the qualifications of the applicant. More senior positions require concomitant levels of experience beyond the doctorate.

The Cybersecurity position is exclusive to the School of Computer Science. More senior appointments require concomitant levels of experience beyond the doctorate.

The Data Science and Analytics positions are with the School of Computer Science. Candidates for this position must additionally be also able to advise graduate students in Data Science and Analytics, apart from those in the Computer Science program as well.

As Colleges within the University, we join the University's commitment to achieving a diverse, equitable, and inclusive university community by embracing each person's unique contributions, background, and perspectives. The University recognizes that fostering an inclusive environment for all, with particular attention to the needs of historically marginalized populations, is vital to the pursuit of excellence in all aspects of our institutional mission. This enhances the OU experience for all students, faculty, staff, and the communities we regularly engage with. Thus, we seek candidates who contribute to fostering an inclusive culture in all aspects of faculty responsibility, including the classroom, the academic community, and their professional commitments.

The University of Oklahoma (OU) is a Carnegie-R1 comprehensive public research university known for excellence in teaching, research, and community engagement, serving the educational, cultural, economic, and health-care needs of the state, region, and nation from three campuses: Norman, Health Sciences Center in Oklahoma City and the Schusterman Center in Tulsa. OU enrolls over 30,000 students and has more than 2700 full-time faculty members in 21 colleges. In Fall 2019, approximately 23% of OU's freshmen were first-generation students, 33% of all students belonged to a minority race/ethnicity, and 6% were international.

The University of Oklahoma does not discriminate based on race, color, national origin, sex, sexual orientation, genetic information, gender identity, gender expression, age, religion, disability, political beliefs, or status as a veteran in any of its policies, practices, or procedures. The University of Oklahoma, recognizing its obligation to guarantee equal opportunity to all persons in all segments of University life, reaffirms its commitment to the continuation and expansion of positive programs that reinforce and strengthen its affirmative action policies. This commitment stems from a desire to ensure social justice and promote campus diversity. Our commitment to the concept of affirmative action requires sincere and cooperative efforts throughout all levels of our employment structure. We will continue to strive to reach the goals of fair and equal employment opportunities for all.

Application Materials Requested: To apply, please submit the following materials to one or more based on your expertise and qualifications:

1. HPC Position (<https://apply.interfolio.com/81340>)
2. Cybersecurity Position (<https://apply.interfolio.com/80855>)
3. Data Science and Analytics Positions: **Please note that if you qualify for more than one of the following subareas, please apply by following each link separately.**
 1. Big Data Management (<https://apply.interfolio.com/82743>)
 2. Healthcare Applications (<https://apply.interfolio.com/82747>)
 3. AI Architectures (<https://apply.interfolio.com/82748>)

Each application must contain the following: 1) a letter of interest, 2) curriculum vitae, 3) a list of three people who can serve as references (with full mailing and e-mail addresses and telephone numbers), 4) brief (~2-3 pages each) statements of research, teaching, and diversity, equity, and inclusion, and 5) 2-3 papers that best represent research contributions and scholarship. The research statement should summarize your prior contributions to research and your goals for developing a research program at OU. The teaching statement should summarize past instructional and mentorship experiences, your pedagogical philosophy, plans/goals for teaching at OU (including existing and proposed courses) and advising a diverse cohort of undergraduate and graduate students. The diversity, equity, and inclusion statement should summarize your understanding and experience working with diverse communities and outline plans for contributing to diversity, equity, and inclusion efforts through research, teaching, and service.

Professor Sridhar Radhakrishnan, Director of the School of Computer Science and chair of the search committee would be happy to answer any questions you may have about our organization's position at sridhar@ou.edu. We will begin processing applications starting February 12, 2021 and continue until the positions are filled.