

Multiple Tenure/Tenure-Track Faculty Positions

Software Engineering Focus: CyberSecurity and Big Data

Department of Computer Science

The University of Alabama

The Department of Computer Science at the University of Alabama invites applications for two (2) faculty positions at either the Assistant or Associate levels, to begin August 2015. The area of focus is software engineering, with specific application to cybersecurity and big data. Outstanding candidates from all areas of software engineering and computer science will be considered. At the time of appointment, candidates must have earned a Ph.D. in Computer Science or a related field, with solid evidence of superior research and scholarly accomplishments, as well as demonstrated excellence in teaching.

The University of Alabama is considered the Capstone of higher education in Alabama and is also the largest institution in the State, with an enrollment of roughly 35,000 students. The University was ranked in 2014 by *US News and World Report* as 36th among US public universities. In 2012-2013, the University led the nation among public universities for National Merit Scholars. Additionally, over the past five years, the University is second only to Harvard in the number of Goldwater Scholars.

The Department and College of Engineering are undergoing a period of extensive growth. The Department is housed in a new state-of-the-art four building science and engineering complex. The Department of Computer Science, housed in the College of Engineering, has twenty-two faculty members (14 tenured/tenure track faculty, six of whom have interests in software engineering), roughly 450 undergraduates in an ABET accredited B.S. degree program, and approximately 50 M.S. and Ph.D. students. The department also offers a newly created Software Engineering Concentration for its undergraduates. The software engineering faculty in the Department are PIs or co-PIs on 12 active awards (over \$3.6M) across four funding agencies. For more information about the Software Engineering Group at UA, please visit <http://se.cs.ua.edu>.

The Department is home to the Center for Advanced Public Safety (CAPS), which currently has over \$10M in funding focused on technology to improve public safety, law enforcement, homeland security and traffic safety. CAPS is actively seeking to establish research collaborations with faculty members. For more information, please visit <http://caps.ua.edu>. In addition, our faculty work with the newly created UA Cyber Institute (UACI), which is tasked with consolidating the Cyber research, teaching and service activities across the University.

While Tuscaloosa is famous for our football dynasty, there is much more that this great city has to offer. Settled along the Black Warrior River, Tuscaloosa is home to 93,000 residents and a thriving sense of community. The downtown area has been revitalized with great local restaurants, shops, and apartments. The riverfront area continues to grow with new recreational trails, businesses, and restaurants, along with the recent addition of the Tuscaloosa Amphitheater and the River Market. The Amphitheater hosts a variety of events from mainstream concerts to community events. The city is home to a great cultural arts community, boasting attractions such as the famous Kentucky Art Center and the Druid City Arts Festival. Outdoor activities aren't hard to find, including riverfront walking trails and an array of local parks. For more information about working at The University of Alabama, see <http://provost.ua.edu/faculty-recruitment.html>

In addition to all that Tuscaloosa offers, the city is located just under an hour from Birmingham. The Birmingham metro area has a population of approximately one million. It offers many employment opportunities ranging from medical, to banking to technology. Many UA faculty live in Birmingham and commute to Tuscaloosa. Also, in the vicinity of Tuscaloosa are the Mercedes Benz manufacturing plant as well as the NASA/DoD installation in Huntsville.

Details regarding the application process are available at <http://cs.ua.edu/>. For information or questions about the position, please contact Dr. Jeffrey Carver, chair of the search committee, at faculty.search@cs.ua.edu.

Interested applicants should apply online at <https://facultyjobs.ua.edu/postings/35920>. Review of applications will begin immediately and will continue until the positions are filled. The University of Alabama is an equal opportunity/affirmative action employer. Women and minority applicants are particularly encouraged to apply.