COMPUTER SCIENCE AND ENGINEERING DEPARTMENT FACULTY JOB DESCRIPTION

Assistant /Associate Professor
Department of Computer Science and Engineering
IRIS Position #: 17000001D6

Description:

The Department of Computer Science and Engineering at the University of Tennessee at Chattanooga College of Engineering and Computer Science and Engineering invites applications for a full-time, tenure-track Assistant or Associate Professor position in Computer Science with Cyber Security specialization beginning August 1, 2018.

Candidates with background, focus, and expertise in Cybersecurity are of particular interest. Candidates must have completed a Ph.D. by the time of their appointment (Fall 2018), and have a strong commitment to both research and teaching. Research areas include but not limited to cybersecurity, privacy, network security, IoT security, cloud security, intrusion detection, security analytics, wireless security, trustworthy system, combatting insider threat, identity management, malware and botnets, or usable security. The College of Engineering and Computer Science has BS/MS/PhD degree programs, and a vibrant research environment. The Department of Computer Science and Engineering offers graduate and undergraduate concentrations in Cybersecurity. The University of Tennessee at Chattanooga is recognized by the National Security Agency (NSA) and Department of Homeland Security (DHS) as a Center of Academic Excellence (CAE) in Cyber Defense Education. This effort, along with the presence of the National Computational Center (SimCenter), partnership with Oak Ridge National Laboratory (ORNL), and strong community and industry support, present an opportunity for the successful candidate to contribute to a strong cybersecurity program with regional and national impact. The department currently has 11 full-time faculty and multi-million active research funding from the National Science Foundation (NSF), National Security Agency (NSA), National Institute of Health (NIH), and Department of Defense (DoD). UTC is also one of 69 CyberCorps institutions in U.S. in defending American Cyberspace through generous undergraduate scholarships for workforce development.

The faculty member will be responsible for teaching courses and laboratories, preferably in the computer Science, engineering and cybersecurity areas, including distance education programs where appropriate; developing new courses and instructional laboratories; developing and advising capstone and capstone classes; mentoring undergraduate and graduate students; participating in accreditation related activities; participating in recruitment and retention activities; advising and development of student clubs; developing and maintaining an internationally recognized research program; attracting significant external research funding; and disseminating research results in leading journals and conferences; advising MS and PhD students; providing service to the University community through committee work; providing service in professional societies; and providing service to the community at large.

Qualifications:

Successful candidates will possess the following requirements:

- Ph.D. Degree in Computer Science or closely related field.

- Ability to teach introductory/advanced courses in computer science and/or computer engineering, especially cybersecurity.
- Have significant experience in cybersecurity hands-on instruction and strong interests in working with undergraduate and graduate students.
- Have a willingness to engage in a variety of instructional modalities, including online instruction.
- Be willing to seek external research funding actively and continually and to engage in communities.
- Be willing to engage in assisting the UTC campus in its ability to reach additional goals as specified in UTC's Strategic Plan as well as the College of Engineering's plan and departmental plan.

Application Procedures:

Applicants should prepare to submit the following information within our online application system for consideration:

- Cover letter/letter of interest
- CV, including up-to-date, personal contact information (email, phone, etc.)
- Unofficial transcripts
- Faculty Teaching statement
- Faculty Research statement

Additionally, candidates will need to include names, titles, and email addresses for three (3) references for confidential letters of recommendation to be requested.

Review of applicants will begin on Jan. 1, 2018. Preference will be given to those qualified candidates who apply before Dec. 15, 2017.

Applications must be submitted electronically through the UTC Faculty Career Site by visiting: *(unique URL provided by HR after posting, no more "facultyvitae##@utc.edu" emails).*

The University of Tennessee at Chattanooga is the second largest school in the University of Tennessee System, serving a diverse student body of more than 11,000 undergraduate and graduate students through five academic colleges. UTC offers a unique blend of private and public school traditions and is a driving force for achieving excellence, embracing diversity, inspiring positive change, and enriching the community. Since its founding as Chattanooga University in 1886, UTC has developed a reputation for excellence built on an unusual blend of the private and public traditions of American higher education. For more than 83 years, the university was a private school. In 1969, UTC became part of the state university system. Today, UTC is on a journey to excellence - boldly embracing a passion for excellence in all things and focused on changing lives and transforming communities. The UTC commitment—each and every day—is to earn the trust and confidence of those we serve. Our goal is to make a difference in our community and in the lives of our students.

Chattanooga, the fourth largest city in the state, is located in Southeast Tennessee near the border of Georgia at the junction of four interstate highways. The city has received national recognition for the renaissance of its beautiful downtown and redevelopment of its riverfront. Chattanooga also has the fastest internet in the country. Home to the first Gig Internet in the United States, Chattanooga has a 100% fiber network that links every home and business in a 600-square mile area. Companies like Unum, McKee, U.S. Xpress, Volkswagen, Coke United and Amazon.com have chosen to set up shop in Chattanooga. Attractions such as the Tennessee Aquarium, Lookout Mountain, Civil War battlefield sites, the African American Museum, and the Appalachian Trail bring thousands of people to the area, as do

events like the Riverbend Festival, Nightfall, Jazzanooga, the Creative Discovery Museum for Children, and the Southern Writers Conference. Chattanooga is the home to the seven-time NCAA Southern Conference Football Champions, The University of Tennessee at Chattanooga Mocs. People who love the outdoors use Chattanooga as a base for hang-gliding, bass fishing, mountain climbing and caving expeditions; the beautiful Smoky Mountains and Tennessee River support the greatest variety of flora of any area in the United States. Chattanooga also has a long and rich past with regard to diversity, which includes Native American heritage, Civil War history, and the Civil Rights movement. Chattanooga is also just a two hour (or less) drive from Atlanta, Nashville, Knoxville, and Birmingham.

The University of Tennessee Chattanooga is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution. All qualified applicants will receive equal consideration for employment and will not be discriminated against on the basis of race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or protected veteran status.