Tenure-Track Appointments in Information Technology and Management

The Department of Information Technology and Management (ITM) in the College of Computing at Illinois Institute of Technology (Illinois Tech) in Chicago, Illinois invites applications for full-time, tenure-track faculty positions targeted primarily at the assistant professor level. Applications at a higher rank will also be considered for candidates with a distinguished track record in publications and funding.

Illinois Institute of Technology is a private Ph.D.-granting research university with world- renowned programs in engineering, architecture, the sciences, humanities, psychology, business, law, and design. Founded in 1890, Illinois Tech was born different. It was built on the promise set forth in minister Frank Wakely Gunsaulus' "Million Dollar Sermon" to provide access to higher education for students from all different backgrounds and to make a difference in the world through technology-oriented education. This guiding mission and purpose – where students, including those underrepresented in technology, could prepare for meaningful roles in a changing industrial society and achieve professional and economic advancement – remains just as relevant today. Thus, diversity and inclusion are part of the day-to-day experience at Illinois Tech and a central component of its culture. As such, Illinois Tech is home to a diverse and global student population, is committed to providing opportunities to enhance the diversity of its faculty and staff, and strongly encourages applicants from all backgrounds to apply for this position, especially those underrepresented in the field.

The Department of Information Technology and Management is one of three departments within Illinois Tech's College of Computing, and offers Bachelor's, Bachelor of Science, Master's, Master of Science, and Doctor of Philosophy degrees in information technology and applied cybersecurity / digital forensics—with multiple specializations covering both technical and management areas. Our Bachelor of Information Technology & Management degree is accredited by the Computing Accreditation Commission of ABET, www.abet.org, and Illinois Tech has been designated as a National Center of Academic Excellence in Cyber Defense Education by the National Security Agency and the Cybersecurity and Infrastructure Security Agency. While nationally renowned for our research in cybersecurity, steganography, and recommender systems, a wide range of areas of study in the field of information technology are offered. The ITM Department is currently a community of over 200 undergraduate students, over 700 graduate students, 11 full-time faculty, and numerous visiting and adjunct faculty.

We are seeking self-motivated, entrepreneurial, team-oriented applicants who will positively contribute to our academic excellence, continuing growth, strong industry relationships, and our highly successful research initiatives. Candidates should possess demonstrated expertise in one or more of the following areas:

- *Cybersecurity* including network/operating system security technologies, steganography, penetration testing, digital forensic analysis, cryptography, cybersecurity frameworks, and cybersecurity team competitions.
- *Application and Software Development* including languages such as Java and Python, APIs, frameworks, secure coding, IDEs, version control, and programming curriculum management.
- *Web Development* including responsive web design, design concepts, JavaScript, jQuery, HCI, testing, AJAX, JSON, ARIA, SVG, the MEAN stack, full-stack frameworks/development, Web RTC, and Web APIs.
- *IT Entrepreneurship and Innovation* focusing on the business applications of information technology and cybersecurity with proven knowledge and abilities in business innovation and information technology entrepreneurship.

Positions are at the rank of assistant professor; however, applicants for the rank of associate professor or professor will also be considered based on the candidate's experience and scholarly record. Rank and salary will be competitive and commensurate with experience. Applicants in Cybersecurity will also have a role in the IIT Center for Cybersecurity and Forensics Education (C^{2}SAFE).

The successful candidate will teach undergraduate and graduate-level courses across the disciplines of information technology, cybersecurity, and management. In addition, they will participate in assessment, advising, and course/curriculum development. Research and writing are keys for success in these faculty positions. Applicants should have the potential to collaboratively contribute to interdisciplinary curricular and scholarly efforts within the department as well as across the entire university, and to supervise master's and Ph.D. level research students.

Applicants must have an earned research doctorate in a computing or related discipline at the start of the appointment and should have demonstrated significant research accomplishment and commitment to excellence in teaching, and should have three to five years of IT industry experience. The candidate must have demonstrated success in research with a proven publication record in ACM/IEEE or similarly positioned journals and proceedings. A record of attracting external research funding appropriate to their rank is highly desirable.

Applications are currently being accepted, and should include:

- Cover Letter
- Curriculum Vitae
- Statement of research achievements and goals
- Statement of teaching philosophy
- A statement on the candidate's commitment to equity and inclusion in research and education
- Names and contact information of at least three references

The one-page statement on equity and inclusion should address specific past and/or potential contributions to the equitable and inclusive delivery of academic instruction and support to students from diverse backgrounds, including, without limitation, individuals of different ages, races and ethnicities, abilities and disabilities, genders, religions, cultures, sexual orientations, and socio-economic conditions.

Please submit applications via the Illinois Institute of Technology Job Portal at https://iit7.peopleadmin.com/. Application review will begin immediately and continue until the positions are filled.

For questions regarding the positions or application, please contact the ITM Chair, Dr. Calvin Nobles, at cnobles1@iit.edu.