

Multiple, Open Rank, Tenured/Tenure-Track Faculty
Positions in Computer Engineering
Indiana University Bloomington

Direct Link: <https://www.AcademicKeys.com/r?job=262215>

Downloaded On: Sep. 9, 2025 1:51am

Posted Sep. 8, 2025, set to expire Jan. 8, 2026

Job Title	Multiple, Open Rank, Tenured/Tenure-Track Faculty Positions in Computer Engineering
Department	Luddy School of Informatics, Computing, and Engineering https://luddy.indiana.edu/index.html
Institution	Indiana University Bloomington Bloomington, Indiana
Date Posted	Sep. 8, 2025
Application Deadline	Open until filled
Position Start Date	Negotiable
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Computer Engineering
Job Website	https://provost.indiana.edu/initiatives/faculty-100.html
Apply By Email	
Job Description	

Multiple, Open Rank, Tenured/Tenure-Track Faculty Positions in Computer
Engineering

Indiana University Bloomington

Indiana University Bloomington (IUB) invites applications for multiple, open rank tenured/tenure-track faculty position in the field of computer engineering. This search seeks applicants at the assistant,

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associate or full professor rank to serve as a member of the Luddy School of Informatics, Computing, and Engineering, and may hold appointments in any of its departments, including Informatics, Computer Science, or Intelligent Systems Engineering. These positions are part of a strategic initiative to launch and support our new Bachelor of Science in Computer Engineering program.

We seek exceptional candidates whose research and teaching interests align with one or more of the following critical areas:

- **Computer Architecture** – including In-/near-memory or in-/near-storage processing, circuit/technology impacts (e.g., 3D/chiplets/interposer/wafer-scale), quantum, superconducting, machine learning, edge computing, and security/privacy in computer architecture.
- **Digital Logic Design and VLSI** – including ASIC/FPGA design for cyber-physical systems, System-on-Chip (SoC), multi-die architectures, accelerator-based computing, brain-inspired/quantum computing, emerging device technologies, low-power/reliable design, and secure hardware/software systems.
- **Operating Systems and Systems Software** – including operating systems, file/storage systems, AI/ML systems, distributed/cloud/mobile systems, secure/reliable systems, big data, embedded systems, virtualization, networking, and complex system management/troubleshooting.
- **Analog and Mixed-Signal Electronics** – including circuits for AI/ML workloads, analog circuits/data converters, RF/wireless/wireline systems, imagers, MEMS, medical/display circuits, power management, 2.5D/3D integrated circuits, and secure computing designs.

Successful applicants will be expected to develop an independent and externally funded research program, teach undergraduate and graduate courses in their area of expertise, and contribute to the continued growth and success of our computer engineering curriculum.

These 10-month appointments would ideally start August 1, 2026, although an earlier or later start date is negotiable. Applications received by October 1, 2025, will receive full consideration, and applications will be accepted until the positions are filled.

Responsibilities: Tenured/Tenure track faculty at Indiana University Bloomington are expected to substantially contribute to the overall academic excellence of their department by developing and/or maintaining a robust research portfolio including pursuing and obtaining major extramural research funding to conduct cutting-edge research both as a corresponding principal investigator and a collaborating investigator; teaching and mentoring a diverse population of students at the undergraduate and/or graduate level as designated by the department chairperson; and actively providing service within the department, school and university alongside active engagement with the profession and/or the community. Candidates with special interest within the area of computer

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engineering are encouraged to apply.

These positions are located on the campus of Indiana University, Bloomington (IUB) in Bloomington, Indiana, and successful candidates are expected to work on the IUB campus to allow full engagement with the department, school, campus, and community. Indiana University bases its tenure and promotion recommendations upon performance in three areas including research, teaching, and service. All individuals hired through this initiative are expected to excel in research and provide strong performance in teaching and service.

Qualifications: Candidates must hold a doctoral degree in computer engineering, computer science, or a related field from an accredited educational institution. Candidates must demonstrate potential for (or evidence of) excellence in research, teaching, and service. Candidates for associate and full professor positions must demonstrate a sustained record of scholarly leadership and impact appropriate for a senior career level.

Application Procedure: Review of applications will begin **October 1, 2025** and continue until all positions are filled. Application materials should include:

- Cover letter addressing the following (maximum of 3 pages in length):
 - List your preferred rank for consideration (tenure-track, assistant, or w/tenure associate, or full professor)
 - Summarize your qualifications in research, teaching, and service
 - Explain your interest in Indiana University
- Current curriculum vitae
- Research statement (maximum of 4 pages in length)
- Teaching statement (maximum of 2 pages in length)
- Provide contact information for three professional references
 - Please note that professional references will be immediately solicited for letters for **tenure-track applicants**
 - Professional references for **applicants for positions with tenure** will only be solicited for those selected for a finalist interview and/or job offer.

Candidates interested in submitting an application for the position **with tenure at the associate or full professor rank** should submit their materials at:

<https://indiana.peopleadmin.com/postings/30525>

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Candidates interested in submitting an application for the **tenure-track, assistant professor rank** should submit materials at:

<https://indiana.peopleadmin.com/postings/30526>

All queries about the position or the application procedures may be addressed to faculty1@indiana.edu.

Before a conditional offer of employment with tenure is finalized, candidates will be asked to disclose any pending investigations or previous findings of sexual or professional misconduct. They will also be required to authorize an inquiry by Indiana University Bloomington with all current and former employers along these lines. The relevance of information disclosed or ascertained in the context of this process to a candidate's eligibility for hire will be evaluated by Indiana University Bloomington on a case-by-case basis. Applicants should be aware, however, that Indiana University Bloomington takes the matters of sexual and professional misconduct very seriously.

Indiana University is an equal opportunity employer and provider of ADA services and prohibits discrimination in hiring. [See Indiana University Notice of Non-Discrimination here which includes contact information.](#)

About Indiana University Bloomington: Founded in 1820, [Indiana University-Bloomington](#) (IUB) is the flagship campus of Indiana University. Located in Bloomington, IN., IUB constantly strives to embody its mission to create, disseminate, preserve, and apply knowledge. It does so through its commitments to cutting-edge research, scholarship, arts, and creative activity; inspired and challenging undergraduate, graduate, professional, and lifelong educational programs; meaningful experiences outside the classroom; expansive global educational opportunities while fostering a culturally diverse campus environment; first-rate library and museum collections; and far-reaching economic development and impact in the state and region.

IUB is a member of the prestigious Association of American Universities (AAU) since 1909, is accredited by the Higher Learning Commission and is a member of the North Central Association. With over 47,000 undergraduate and graduate students, the campus has 16 degree-granting colleges and schools offering 300+ undergraduate majors, 300+ Master's degrees, and 150+ doctoral and professional degree opportunities. Known for its Indiana limestone facades and green spaces throughout, IUB is widely considered one of the country's most beautiful college campuses.

The [Luddy School of Informatics, Computing, and Engineering](#) at Indiana University is the first of its

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kind and among the largest in the country. Its mission is to excel and lead in education, research, and outreach spanning and integrating the full breadth of computing, information technology and modern engineering. The Luddy School is a core school with programs on the Bloomington and Indianapolis campuses and includes over 150 faculty and 3,000 students on the Bloomington campus. Departments in the Luddy School's Bloomington campuses include Computer Science, Information and Library Science, Informatics, and Intelligent Systems Engineering (with degrees in Intelligent Systems Engineering and Computer Engineering). Cross-cutting degrees are offered in data science, cybersecurity & global policy, and business intelligence & data science.

Nestled in the rolling hills of south-central Indiana, and home to 85,000 residents, the city of Bloomington offers the feel of a college town with many of the amenities of a large city. From off-Broadway plays and musicals, the LOTUS World Festival of Music, quick access to 250,000 acres of public recreation lands, outstanding public schools and a reasonable cost of living, Bloomington offers much to all.

For more information about the Luddy School and Indiana University Bloomington, visit:

Luddy School of Informatics, Computing, and Engineering: <https://luddy.indiana.edu/>

Indiana University Bloomington: <https://www.indiana.edu>

EEO/AA Policy

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

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Contact Cindy Broderick, PhD
Office of the Vice Provost for Faculty and Academic
Affairs
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Bloomington, IN

Contact E-mail faculty1@iu.edu