



CASE WESTERN RESERVE UNIVERSITY

Case School of Engineering

Faculty Position in Department of Electrical, Computer, and Systems Engineering Case Western Reserve University, Cleveland, Ohio

The Department of Electrical, Computer, and Systems Engineering (ECSE) at Case Western Reserve University (CWRU) invites applications for one tenure-track faculty position in Electrical and Computer Engineering programs at the Assistant or Associate Professor level. Appointments will be considered for starting dates as early as July 1, 2024. All applicants must hold either great promise for (Assistant Professor rank) or great track record in (Associate Professor rank) research leadership and grant funding, teaching excellence, and service contributions. Appointment rank will ultimately be commensurate with experience. All applicants must also be committed to working with a diverse population of students. Candidates must have a Ph.D. degree in Electrical Engineering, Computer Engineering, or a closely related field.

The faculty search is focused on the broader area of energy-efficient computing paradigms at the interface of electrical and computer engineering. The department is particularly interested in candidates whose focus is on neuromorphic systems engineering, computing-in-memory, brain/bio-inspired computing, as well as energy-efficient analog/mixed-signal/VLSI implementation of engineered systems that emulate the function, resiliency, and efficiency of biological nervous systems. The department is also interested in candidates with expertise in efficient hardware embodiment (e.g., CMOS chip, field-programmable gate array (FPGA), graphics processing unit (GPU), etc.) of accelerators for artificial intelligence (AI)/machine learning (ML)/neuromorphic algorithms applicable to distributed and remote robotic systems.

Successful candidates will hold primary appointments in the Case School of Engineering, although in many instances they will be eligible for additional appointments within other academic units of CWRU. Applicants should provide the names and contact information of three references in addition to a cover letter, CV, research, teaching, and diversity statements as a single PDF file. The diversity statement should explain how the candidates **value** diversity, equity, and inclusion within their research and discipline(s) and how their own scholarly work might contribute to structural justice inside and outside institutions of higher learning. This statement should also suggest how their work, while as a member of CWRU, will contribute to diversity, equity, and inclusion and how moving forward they intend to foster a culture of diversity, pluralism, and individual difference.

The search will continue until the position is filled; however, for maximum consideration the applicants should submit their materials by February 1, 2024. We welcome all nominations and applications for this available position; please submit your application materials to apply.interfolio.com/131869.

Case Western Reserve University strives to maintain a diverse and inclusive work environment. All applicants are protected under Federal law from discrimination based on race, color, religion, sex, national origin, disability, age and genetics.

Case Western Reserve provides reasonable accommodations to applicants with disabilities. Applicants requiring a reasonable accommodation for any part of the application and hiring process should contact the Office of Equity by phone at 216.368.3066 or by email at equity@case.edu. Determinations as to granting reasonable accommodations for any applicant will be made on a case-by-case basis.