Department of Electrical and Computer Engineering

The Department of Electrical and Computer Engineering at the University of South Alabama invites applications for a non-tenure track Research Assistant Professor position. Specifically, we are looking for self-motivated candidates with a Ph.D. in Computer Engineering, Electrical Engineering, or Computer Science with a strong research background in or related to one or more of the following areas: (1) AI, data analytics, or data mining; (2) IC design such as memory, digital, mixed-signal IC design; (3) AI accelerator design; (4) embedded systems or wearable device development; (5) hardware security and privacy; (6) neuromorphic computing; or (7) design for environmental sustainability. The expected start date is January 1, 2024. This position will be supported entirely by external funding and is annually renewable.

Primary Duties and Responsibilities
Duties will include, but not limited to, conducting research and scholarship, aiding the team in developing innovative ideas for future proposals, preparing grant proposals, serving as Co-PI/PI on grants and contracts, mentoring research staff including graduate students and postdoc researchers, synthesizing results into peer-reviewed manuscripts, presenting results at conferences, and updating sponsors on the status of the project as required.

Qualifications
- A Ph.D. in Electrical Engineering, Computer Engineering, Computer Science, or a closely related field is required. All But Dissertation (ABD) candidates near completion of the degree will be considered. However, the selected candidate must have a Ph.D. at the time of appointment.
- Candidates must demonstrate specific research expertise in at least one of the following areas: (1) AI, data analytics, or data mining; (2) IC design such as memory, digital, mixed-signal IC design; (3) AI accelerator design; (4) embedded systems or wearable device development; (5) hardware security and privacy; (6) neuromorphic computing; or (7) Design for environmental sustainability.
- It is expected that the successful candidate will have a proven ability to write scientific reports, grant applications, and publish in scientific, peer-reviewed journals.
- Prior experience working on federally funded projects and/or in the topics specified above is preferred as well as student mentoring experience.

How to Apply
To apply, please submit the following in a single PDF file via email to EdgeAI@southalabama.edu with the subject line "Research Assistant Professor Application":
- a cover letter, highlighting research interests, research accomplishments, and relevant professional experience;
- a curriculum vitae including educational and professional experiences, a list of publications, research projects (funded or not funded), and professional development activities;

- A completed Biographical Data Form;
- Names and contact details for three people who may be asked for references.

The search committee will begin reviewing applications immediately and will continue to receive applications until the position is filled. For inquiries concerning this position, please email Dr. Na Gong, Search Committee Chair at nagong@southalabama.edu.