POSITION ANNOUNCEMENT
ELECTRICAL ENGINEERING ASSISTANT PROFESSOR

The Department of Electrical Engineering (EE) in the University of Minnesota Duluth (UMD) Swenson College of Science and Engineering (SCSE) invites applications for a tenure-track Assistant Professor position (Job Code 9403). The educational and research focus is in at least one of the areas of embedded systems, multicore/multiprocessor systems, biomedical instrumentation, and/or artificial intelligence systems.

UMD is a regional comprehensive land and sea-grant state university, one of five coordinate campuses within the State of Minnesota system and with a total enrollment of approximately 11,200 students. SCSE is the largest college at UMD comprising over 3300 undergraduate students, 260 graduate students, 180 faculty, and 80 permanent staff. The college includes the ABET-accredited departments of Electrical, Chemical, Civil, Mechanical and Industrial Engineering, and Computer Science as well as science departments of Biology, Chemistry and Biochemistry, Earth and Environmental Sciences, Physics and Astronomy, and Mathematics and Statistics. The EE Department consists of 13 faculty and 3 staff, with approximately 210 undergraduate students as EE majors, and 20 M.S.E.E graduate students. In addition to the Bachelor of Science and Master of Science in Electrical Engineering, the EE Department is home to minors in Electrical Engineering, Computer Engineering, and Energy Engineering. There are significant opportunities for fostering existing and creating new ties with local, regional, and national industry stakeholders.

DUTIES:
The successful candidate is expected to teach at both undergraduate and graduate levels, conduct research, advise students, provide appropriate service to the Department and the profession, and demonstrate a willingness to interact with the public and private sectors. The employer reserves the right to change or assign other duties to this position.

ESSENTIAL QUALIFICATIONS:
● Ph. D. or equivalent terminal degree in Electrical Engineering or a closely related field by the time of appointment

PREFERRED QUALIFICATIONS:
● Baccalaureate degree in electrical engineering or a closely related field
● Demonstrated active research in one or more of the areas: embedded systems, multicore/multiprocessor systems, biomedical instrumentations, or artificial intelligence systems
● Demonstrated commitment to quality teaching
● Teaching experience in higher education
● Experience or ability to teach subjects on FPGA, SoC, or IoT (hardware and software)
● Demonstrated effective written and oral communications skills
● Willingness to interact with the public and private sectors or have industrial experience
● Experience in working with diverse populations

STARTING DATE:
August 24, 2020

TO APPLY:
Applications must be submitted online. To apply, go to https://humanresources.umn.edu/jobs and search for job ID 333115. First, submit the application with cover letter and CV/resume in pdf format. Then, return to the “My Job Applications” page to attach the additional documents, also in pdf format. Complete applications include the online application, cover letter, and resume/CV, plus additional documents as follows: (1) Summary of relevant undergraduate and graduate coursework (e.g. unofficial transcripts), (2) Statement of Teaching Philosophy, (3) Research Philosophy (including Research Plan), (4) Statement of Commitment to Diversity, (5) and Contact information for three professional references. You must attach the requested additional documents, even if you provide the related information within the application.

If you need a reasonable accommodation for any part of the application and hiring process, please contact a University of Minnesota Access Consultant at 612-624-3316. Review of completed applications will begin November 01, 2019 and will continue until the position is filled. Questions should be addressed to Shey Peterson at speters1@d.umn.edu.