The Department of Electrical & Computer Engineering (ECE) at the University of Washington, Seattle

Invites applications for multiple full-time tenure-track positions with a nine-month service period annually, from exceptional candidates with strong record of collaboration and creativity. Hiring will be made primarily at the tenure-track Assistant and Associate Professor levels with an anticipated start date of September 16, 2019. More information about the department, including background on our recent name change to ECE can be found at www.ece.uw.edu.

We seek outstanding candidates committed to developing scalable, integrated electronics and networked computing systems. Competitive candidates will have demonstrated strengths in the underlying fundamental science and technology and preferably a record of test-bed oriented experimental research (as demonstrated by any mix of system/sub-system level prototyping, emulation and software integration). Successful applicants will be able to articulate a next-generation application-oriented research agenda, with an emphasis on system design, driven by key performance indicators such as efficiency, robustness, and security. New hires will be expected to lead curricular innovation, mentor cutting-edge student projects, and interact with local research-intensive industries in a vibrant technology-driven entrepreneurial community. Areas of interest include but are not limited to: quantum computing, multi-agent (semi) autonomous systems, 5G-oriented wireless and photonics networks, cloud and data-center networking & computing, computational hardware systems for data-intensive applications, mmWave and THz imaging.

Applicants should have an earned Ph.D. in Electrical and Computer Engineering or related field (or foreign equivalent), evidence of ability to develop an independent research program, a strong commitment to both graduate and undergraduate teaching, and the potential to initiate and conduct research across disciplines and lead collaborations.

Apply online at apply.interfolio.com/55851 with a cover letter, full curriculum vitae, statements of research and teaching, three key papers, and the names of at least three references. A diversity statement from applicants is encouraged. **Applications received by December 26th, 2018** will be given priority consideration and the ad will remain open till January 31st, 2019. Open positions are contingent on funding.

The University of Washington is a recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. The UW College of Engineering currently has 24.2% female faculty (ASEE 2017).

University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, marital status, pregnancy, genetic information, gender identity or expression, age, disability, or protected veteran status.

The University of Washington is committed to building diversity among its faculty, librarian, staff, and student communities, and articulates that commitment in the UW Diversity Blueprint (http://www.washington.edu/diversity/diversity-blueprint/). Additionally, the University's Faculty Code recognizes faculty efforts in research, teaching and/or service that address diversity and equal opportunity as important contributions to a faculty member's academic profile and responsibilities (https://www.washington.edu/admin/rules/policies/FCG/FCCH24.html#2432) And the University's Office for Faculty Advancement promotes the hiring, retention, and success of a diverse and inclusive faculty at the University of Washington (http://www.washington.edu/diversity/faculty-advancement/).