Professor Davood Shahrjerdi received his Ph.D. in solid-state electronics from The University of Texas at Austin in 2008. Subsequently, he joined IBM T. J. Watson Research Center as a Research Staff Member. He joined the faculty of the New York University in 2014 where he is currently an assistant professor of Electrical and Computer Engineering. He is also a faculty scientist at the NYU Wireless Research Center.

Professor Shahrjerdi’s research focuses on the study of new electronic materials, device structures and circuits- often at extreme nanoscale limits- for nascent technological applications ranging from energy harvesting to biosensing to next generation logic switches. His work has been featured in various journals and conferences including applied physics letters, advanced energy materials, and IEEE electron device meeting. He is the author and co-author of over 100 journal and conference papers. Additionally, he holds over 100 pending and issued patents. He is also the recipient of several prestigious recognitions and awards including IBM Master Inventor (2013), journal of electronic materials best paper award (2013), IBM Research Division award (2012), and IBM Outstanding Technical Achievement award (2012).