

Dr. Edward (Ed) H. Frank



Dr. Edward H. Frank is currently Executive Chair of Gradient Technologies, an Identity and Access Management (IAM) cybersecurity startup. In addition, he serves on the Boards of Directors of Analog Devices (ADI), Rocket Lab (RKLB), and SiTime (SITM), and was previously on the Boards of Directors of Cavium (CAVM), FusionIO (FIO), Marvell (MRVL), and Quantenna (QTNA). Prior to Gradient, he was co-founder and CEO of Cloud Parity Inc., a voice-of-the-customer startup in the SF Bay Area, founded in late 2013. From 2009 through 2013, he was Vice President of Macintosh Hardware Systems Engineering at Apple, Inc. where he led the development of four generations of Macintosh laptop and desktop computers. Before joining Apple, he was Corporate Vice President of Research and Development at Broadcom, where he was responsible for Broadcom's overall engineering execution and played a key role in corporate business and IP strategy. Prior to becoming Corporate VP of R&D, Frank co-founded and led the engineering group for Broadcom's Wireless LAN business, which is now one of Broadcom's largest business units. Frank joined Broadcom in May 1999 following its acquisition of Epigram, Inc., where he was the founding CEO and Executive Vice President. From 1993 to 1996, he was a co-founder and Vice President of Engineering of NeTpower, Inc., a computer workstation manufacturer. From 1988 to 1993, Frank was a Distinguished Engineer at Sun Microsystems, Inc., where he co-architected several generations of Sun's SPARCstations and was a principal member of Sun's Green Project, which developed the precursor to the Java cross-platform web programming language. He is a named inventor on over 50 issued patents and serves as an advisor to and/or board member of several startups.

Dr. Frank holds BSEE and MSEE degrees from Stanford University. He received a Ph.D. in Computer Science from Carnegie Mellon University, where he was a Hertz Foundation Fellow. He is a member of the National Academy of Engineering (NAE), a Fellow of the Institute for Electrical and Electronic Engineers (IEEE), and a Board

Carnegie Mellon University

Leadership Fellow of the National Association of Corporate Directors (NACD). Frank has been a Trustee of Carnegie Mellon University since 2000. He served as the Board of Trustees' Vice-Chair from 2015 through 2021. Dr. Frank was Founding Executive Director, and is a Member of the Board of Directors, of Metallica's All Within My Hands Foundation.