Nelson Francisco

Nelson Francisco received a MSc degree in Electronics Engineering in 2008 from the University of Tras-os-Montes e alto Douro (Portugal) and a PhD in Signal processing in 2012 from the Federal University of Rio de Janeiro (Brazil).

Between 2007 and 2012 he collaborated with the Portuguese Telecommunication Institute (IT) on several government funded projects which focused on image and video processing, joining the Multimedia Telecommunication group of the Poznan University of Technology (Poland) as a visitant Post-doc researcher in 2013. From 2010 to 2012, he also worked as an Assistant Professor at the Polytechnic Institute of Leiria (Portugal).

He joined Ericsson in 2013 as a Research Engineer, having collaborated in the development of the core compression algorithms running on both hardware and software encoding solutions for live and on-demand applications.

Since 2018, he has been a Principal Video Compression Engineer at MediaKind, mainly focusing his research on the use of AI and ML for media processing and delivery applications, ranging from encoder optimization to new emerging topics such as super-resolution and video semantics analysis.