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He has an MSc in Electronics from IST with expertise in analog debugging and instrumentation. During his master thesis he developed an Eddy Current Testing (ECT) array probe for metal additive manufacturing imaging.

Before joining INL, he worked has a researcher at the Instrumentation and Measurements Group (GIM) of Instituto de Telecomunicações (IT), researching and exploring different contactless electromagnetic methods for layer-wise testing of powder bed fusion metal additive manufacturing.