

Education



MSc. in Telecommunications Engineering at **Universidade Federal do Ceará**

Research on Machine Learning and Big Data applied to 5G Networks.

February 2018 - March 2020

BSc Telecommunications Engineering at **Universidade Federal do Ceará**

January 2010 - July 2017

Exchange Program in Electrical Engineering at **SUPÉLEC**

September 2012 - July 2013

Graduate Studies in Data Science at **Centro Universitário 7 de Setembro**

Specialization studies in Business Intelligence, Big Data and Data Analytics.

September 2017 - March 2019

Work Experience

Researcher at **Wireless Communications Research Group - GTEL**

Development of a Reinforcement Learning solution to Link Adaptation in 5G systems.

Development of a Python simulator in compliance with T.S. 38.212 and T.S. 38.214.

November 2018 - Present



Publications

Adaptive Modulation and Coding based on Reinforcement Learning for 5G Networks

2019 IEEE Globecom Workshop on Machine Learning for Wireless Communications

Skills

Spoken Languages Portuguese (native), English (Full Professional), French (Professional).

Software \LaTeX , MATLAB, Office Suites, Tableau, Power BI.

Programming Python, SQL

Frameworks and Libraries Scikit-Learn, Keras, Pytorch, Bokeh



Interests





Machine Learning

Deep Reinforcement Learning

Link Adaptation

PHY

Profiles and Contact

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