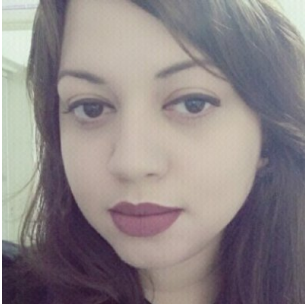


# FrançaCaroline



## Contact

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carolfranca90@gmail.com

## Languages

English- advanced  
Portuguese- native

## Interested Profile

IC Designer  
RF IC Designer  
Analog IC Designer  
Electrical Engineer  
Electronics Engineer

## Education

**Current:** Design of integrated circuits - CI Brasil, step II.

**Master's Degree:** Electrical Engineering - UFPR, concluded in 2016.

**Undergraduate:** Electrical engineering - UFPR, concluded in 2014.

## Experience

### Trainee as Analog IC Designer, CI BRASIL (03/2017 - Current):

I have been doing training in the CI Brasil program in the analog/RF area. There I have learned concepts of analog and RF circuits and EDA Tools.

### Internship, Ondas energias e sistemas (2014 - 2014):

I have done internship in the area of electrical systems in low/medium-voltage network. It was some of my attributions support in projects, and estimative of prices of the projects.

### Internship, Microsens (2013 - 2014):

I have done internship in the area of electrical engineering. It was some of my atributions tests in electronics equipments and accomplish technical specifications of the products.

## Research

### Scientific research with scholarship in Master's Degree:

Keywords— Digital pre-predistortion; power amplifier; wireless; 4G.  
Project - A Linearized 2.4 GHz CMOS Doherty RF Power Amplifier for Wireless Communication Systems.

### Scientific research in Bachelor's Degree:

Keywords— Power amplifiers; envelope amplifier; envelope tracking.  
Project - Transmitters with high efficiency power to wireless communication systems in 4G

### Scientific research with scholarship in Bachelor's Degree:

Keywords— Neural networks; perceptron; RBF; power amplifier.  
Project - Behavioral models and linearization to power amplifiers to wireless systems.

## Skills

Cadence - Virtuoso

Keysight - ADS

Layout of IC's

Matlab - Neural Networks

Languages: C, C++, VerilogA

Autocad

Office

## Activities and Societies

Teaching practice in Master's Degree (15 Hs)

Group of integrated circuits and systems (GICs)

Scientific Research in Bachelor's Degree