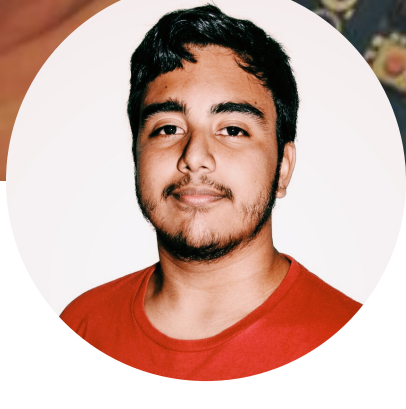




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# Ruamberg Aguiar

Developer

**BORN :** May 7, 1997

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ruamberg.github.io

## About me

WHO I AM

Ruamberg Aguiar, 21, Automation and Control Engineering undergraduate student at POLI / UPE (Polytechnic School of Pernambuco/University of Pernambuco - Brazil), which works with IoT and embedded systems development. Started in 2011 building projects to robotic championships and hackathons around the world. At college, leadered a robotic team for two years where started science skills searching biosignals and computing processing on them. Nowadays, have been working with IoT systems and software development. My aim is to use my abilities with the mechatronic engineering world, programming and design to rise a new culture based on the devices we build.

## Language Skills

### ENGLISH

Accurate english speaking (B2) and advanced knowledge with writing and reading.

### LIBRAS (Brazilian Sign Language)

Intermediate level interpreter.

### GERMAN

Basic skills(A1).

## Development Skills

### ELETRONICS AND CIRCUITS

Development of circuits using the Proteus software, manufacturing PCB's and soldering all kinds of discrete and SMD components.

### C/C++

Large experience with developing embedded software for open source platforms like Arduino and ESP. Using advanced resources of organizations and protocols in the sketch.

### WEB DESIGN & NODE.JS

Skills on develop and edit HTML CSS JS websites and basic Node.js applications (Express, React Native, Electron, etc.).

## Work

and Experiences

### DEVELOPER

L2 TECNOLOGIA

APRIL 2017 - PRESENT

IoT and embedded systems developer.

### RESEARCHER

POLI/UNIVERSITY OF PERNAMBUCO

2016

Electromyo sensors development and data science.

### ROBOTIC TEAM DEVELOPER

POLI/UNIVERSITY OF PERNAMBUCO

2014 and 2015

### ENGLISH TEACHER

COMPASSION INTERNATIONAL

2015

## Education

ACADEMIC  
CAREER

### GRADUATING

POLI/UNIVERSITY OF PERNAMBUCO

2014 - NOW

Undergraduate degree on Automation and Control Engineering.

### ENGLISH COURSE

SENAC

2012 - 2014

Advanced english course completed.

### GERMAN COURSE

CCBA - German/Brazilian Cultural Center

2017

All semester of german classes at CCBA, after this, started studying the language by Babel classes.