Rodolfo Cavour Moretti Schiavi

Software Developer

rodolfocmschiavi@gmail.com ✉

+5569981079545 📱

Cacoal, Rondônia, Brazil 📍

03 October, 1995 📅

rodolfoschiavi.pythonanywhere.com 🌐

linkedin.com/in/rodolfo-schiavi 💼

github.com/rcmschiavi ⭕

An inquisitive guy that loves creating things, even useless ones.

SKILLS

Skill	Level	Skill	Level
Python	●●●●●	Django	●●○○○
C/C++	●●●●●	HTML/CSS	●●○○○
Java	●●●●○	Written and spoken communication skills	●●●●○
JavaScript	●●●○○		

EDUCATION

College Degree
Federal Institute of Santa Catarina

03/2015 – 07/2020   *Florianópolis, Brazil*

Courses
- Mechatronics Engineering

Exchange Program
University of Deusto

09/2018 – 12/2018   *Bilbao, Spain*

WORK EXPERIENCE

Full-stack developer
Spinver

02/2019 – 06/2019   *Florianópolis, Brazil*
Smart sales company.

Achievements/Tasks
- Android apps development for WhatsApp messaging automation in Java;
- Development of Web scraping APIs for sales data acquisition in Python;
- Python integration with MongoDB non-relational database;
- Implementation of APIs on AWS Amazon services like Lambda and ECS with docker.

WORK EXPERIENCE

Undergraduate Researcher
eVIDA Group - DeustoTech

09/2018 – 12/2018   *Bilbao, Spain*

Private research group focused on technological implementations in the medical field.

Achievements/Tasks
- Development of a Web scraping system in order to copy data and create a dataset from a medical platform dedicated to manage medical records. Made in python;
- Data analysis of the created dataset using python libraries, like numpy, matplotlib, seaborn and pandas;
- Machine learning implementations, linear regression and neural network, to create predictions related to heart diseases with the patient's records. Using python with Keras and TensorFlow;
- Analysis of biomedical sensors related to blood pressure, blood oxygen, heart rate for data acquisition.

Founder Member - Software developer
Eumeca - Junior enterprise

08/2017 – 08/2018   *Florianópolis, Brazil*

Junior enterprise created with the purpose of students integration with the engineering job market.

Achievements/Tasks
- Development of on-board electronic's firmware for data acquisition and automation tasks, mostly in C++ and MicroPython;
- Dashboard development for real time data visualization using Google Apps Scripts in JavaScript.

Undergraduate researcher
Special Machine Development Group

04/2016 – 03/2018   *Florianópolis, Brazil*

Research group focused on the development of special machines for engineering.

Achievements/Tasks
- Development of the mechanical projects of a 6 axis robot for welding;
- Development of the firmware for controlling the previously mentioned robot, mostly in C++ for on-board electronics;
- Development of three industrial designs of mechanical devices.

AWARDS

2nd Place - 1st Hackathon DesenvolveSC (08/2016)

Winner - StartUp Weekend IoT Floripa 2017 (06/2017)

2nd Place - 2nd Hackathon DesenvolveSC (08/2017)

3rd Place - 1st Hackathon Celesc (09/2017)

LANGUAGES

Portuguese	English	Spanish	Italian
Native Speaker	*Full Professional Proficiency*	*Full Professional Proficiency*	*Limited Working Proficiency*

INTERESTS

Automation · Engineering · Web Development · Data science · IoT · Electronics · Economic Science

PERSONAL PROJECTS

CNC machine for laser cutting and engraving (03/2018)

IoT device for remotely starting computers (03/2019)

CNC machine for mill engraving (10/2019)

IoT temperature data acquisition and dashboard for real time visualization (04/2020 – Present)