



Fábio Eid MOROOKA

Engineering Student in the final year of Electronics and Informatics Engineering at the National Institute of Applied Sciences (INSA) Rennes. I search an international and professional experience for applying everything I learned in my studies.

Search an end-of-studies Internship in Informatics field from February 2020.

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PROFESSIONAL EXPERIENCE

LABORATORY OF SIGNALS AND SYSTEMS (L2S) - CENTRALESUPELEC Intern

Development of **Python DASK** algorithms for applying deconvolution methods in image reconstruction. Creation of a Python DASK tutorial. Parallel computing in a **HPC** architecture for the SKA France project.

STONE PAYMENTS

Developer

Development of automations and systems optimizations algorithms in **Python, C#, SQL and VBA** for the chargeback and risk team. Use of **SCRUM** methodology.

COMPUTATIONAL MECHANICS LABORATORY

Intern

Create a model of a engine and reducer system in the Computer Aided Design software **SolidWorks** and **Autocad Inventor**. Also create a model of an autonomous golf car and simulated it.

ELEVATION AND FLOW LABORATORY

Intern

Create a model of the oil extration process from the pre-salt layer in the Computer Aided Design Software **CREO** and simulated it. Also create the model of the new laboratory of oil research in the same software.

THE JUNIOR ENTERPRISE (JE) MOUVEMENT

MECATRON JE AND JE FEDERATION OF SÃO PAULO (FEJESP)

Management of 12 mechatronics projects. Study the different types of economics market. Leader of the project team that had 10 collaborators. Create the company's strategy and its KPI. Use of **PMBOK** methodology.

FORMATION

2018 - Currently

National Institute of Applied Sciences de Rennes (INSA Rennes)

Electronics and Informatics Engineering department
5th year - Double Degree

2015 - 2018

University of Campinas (Unicamp) - Brazil

Mechanics engineering department, specialization in control and automation engineering

2012 - 2015

Technical High School of Campinas (Cotuca) - Brazil

Mechatronics department, Mechatronics Technician

SKILLS

INFORMATICS

Python

Structured Query Language (SQL)

VHDL

Visual Basic Applications (VBA)

C

Pack Microsoft Office

LaTeX

Java

C++

C#

Assembly

Computer Aided Design softwares (CAD)

SOFTWARES

Matlab

Labview

Quartus

ModelSim

LANGUAGES

English: advanced

French: advanced

Portuguese: native language

Japanese: beginner

Spanish: beginner

+ INFOS

PERSONALITY

Leadership capacity

Innovation

Entrepreneur spirit

Problem solving

HOBBIES

Volleyball, Handball, Tennis

Travel

AWARDS

[2011-2014] Medals in Mathematics and Robotics Olympiads.

2015: Champion of UNICAMP's entrepreneurship program.