

João Gabriel Kroth

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MAIN SKILLS

- Experience in working with different teams;
- Experience in leadership, people motivation and management;
- Experience in public speaking;
- Experience in project management;
- Looking for continuous self-development;

EDUCATION

Diplom in Mechanical Engineering
UFSC – Universidade Federal de Santa
Catarina

2018 – estimate finishing in
2023
Florianópolis, Brazil

PROFESSIONAL EXPERIENCE

Engineering Project Intern
PET-MA
08/2018 - ongoing
Florianópolis, Brazil

Internship at PET-MA, an engineering innovation group, formed by 12 graduates from UFSC. The focus of the group is on technical projects, personal and managerial training of excellence, emphasizing multidisciplinary and teamwork.

Management positions:

- **Selective Process Coordinator (02/2020 – ongoing).**
- **Marketing & Design (01/2020 – ongoing):** Design of publications for the instagram, renewing the Visual Identity of the group.
- **External Relationships (02/2019 – 12/2019):** Group representation in events. Contact with teachers, graduation, companies and startups on behalf of the group. Relationship of presentations and pitch decks development. Representation of PET-MA at Interpet, a group that aims to bring together all PET groups in the state of Santa Catarina to develop and improve the groups individually, as well as the PET program itself.
- **Strategical Marketing (03/2019 – 07/2019):** Analysis of publications data, development of strategies to improve the reach of publications. Participation in structuring the group's use of Instagram.
- **Treasury (08/2018 – 01/2019):** Control of the group finances. Collection and making payments. Accountability to the MEC.

LANGUAGES

Portuguese
English
Spanish
German

SOFTWARES AND PROGRAMMING LANGUAGES

LabVIEW, MS Project, Illustrator, Python
MS Office, Qlik Sense, Photoshop

PUBLICATIONS

João P. G. Trancoso, Marco A. M. Cavaco, João G. Kroth. Analysis of interference caused by Air Blocking Valves in multijet velocimetric water meter measurements. 5º Congresso Internacional de Metrologia Mecânica - V CIMMEC, 2019, Florianópolis, Brasil.

Acquired Skills:

- Development of public speech through seminars, presentations for graduation and pitches;Desenvolvimento de pitches;
- Participation in Strategy Planning meetings;
- Personal organization and more efficient time management;

Projects Realized:

- **Laboratório de Combustão e Engenharia de Sistemas Térmicos (LABCET): Analysis of thrust generated by hibrid combustion (Anecom)**, acting in the performance of tests, development of the sensing, acquisition and analysis of the generated data. A combustion chamber was developed to evaluate different carbon granulations present in a paraffin grain, fed by pure oxygen. Orientation: Professor Dr. Eng. Amir Antonio Martins de Oliveira Jr (02/2019 - Currently).

- **The Things Network Florianópolis (TTN FLN): Promotion and development of a TTN Community in Florianópolis**, in partnership with entities such as UFSC, IFSC, CERTI Foundation, CIASC and Living Lab, and companies such as Byond, Aquarela and Khomp. Creation and management of community marketing platforms, translation of the executive summary, coordination of activities performed by the core team. (04/2019 - Currently).

President ATM UFSC

📅 01/2020 – ongoing
📍 Florianópolis, Brazil

President of Athletics of Mechanical Engineering and Materials Engineering of UFSC. Responsible for organizing an annual strategic planning and coordination of other areas.

Other postions in ATM UFSC:

- **Marketing Director (08/2019 – 01/2020)**: Responsible for communication and marketing at ATM UFSC (Athletics of Mechanical Engineering and Materials Engineering of UFSC). Manager of a team of 4 people. Development of a visual pattern in Instagram of athletics. Activities performed: planning of publications and development of arts, delegating responsibility for the executions. Coverage of athletic events.

- **Events Director (08/2018 – 07/2019)**: Responsible for choosing and organizing the events held by the ATM UFSC, aiming at the well being of the graduates. The events had return in the social, environmental and animal areas, through actions in orphanages, beach cleaning and partnership with NGOs to help the street dogs. Manager of a team of 9 people. Planning, organization and execution of events. Contact with other athletes for partnerships. Team work.

- **Institutional Relations Advisor (04/2018 – 07/2018)**: Responsible for the partnerships of ATM UFSC. Realization of 5 partnerships, involving local businesses near the University, for athletics. Development of a standard contract model for new partnerships.

EVENTS ORGANIZED

09/2019, 04/2019, 09/2018 **Organizer – [People Management]**
Tourada Mecânica

09/2019, 04/2019: Responsible for the teams participating in the organization of the event and the staffs.
09/2018: Responsible for partnerships and sponsors of the event.

08/2019 **Organizer – [Logistics]**
Personal Finance

Event held in partnership with The Black Taurus consultancy, aimed at UFSC graduates. Responsible for the logistics of the event, recruitment of people to work in the organization and determination of the location.

05/2019 **Speaker**
Semana Compete

Realized a lecture on "How to present a seminar?" for Compete Week, an event organized by UFSC Compete, an institution that helps UFSC competition teams.

✓ COURSES

01/2020 Qlik Sense Developer – BIX Tecnologia (07h)

Summer Intern

BIX Tecnologia

01/2020 - 02/2020

Florianópolis, Brazil

Performance in the consultancy and development of Business Intelligence dashboards at Qlik Sense, working on internal projects and for Portobello SA.

ADDITIONAL EXPERIENCE

Board Member

ATCTC UFSC

01/2019 - ongoing

Florianópolis, Brazil

The ATCTC is the athletic of the UFSC technology center, and its board is composed of at least one member from each athletic of the center. The board's function is to guide the ATCTC's board of directors, and ensure that the championships take place in accordance with the proposed regulations. Representative for ATM UFSC.

Member

Mechanical Engineering
Academical Center (CAME)

06/2018 - 07/2019

Florianópolis, Brazil

Development of an interactive curriculum for graduation, in Excel. Assistance in the completion of FeedMec 2018.1, a project in which mechanical engineering graduates give feedback to teachers through a form, the data are compiled and delivered. Use of tools such as LaTeX/OverLeaf for writing reports.

Intensive English Course

Internexus SLC

07/2015

Salt Lake City, Utah, USA

A winter study exchange in Salt Lake City.