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Education

Materials Engineering, BSc | Federal University of Santa Catarina

Fabrication and characterization processes; failure analysis techniques

Physical properties of metals, polymers, glass and ceramic materials ;

Extracurricular : Solidworks course; coordinator and manager of the annual materials science and engineering event at the university; volunteer as research student; international relations lectures were taken.

Florianópolis, Brazil

Feb 2015 – Oct 2020

Academic Exchange | École Nationale Supérieure de Chimie de Mulhouse

BRAFITEC – Brazil and France cooperation program for technology and science development.

Mulhouse, France

Sept. 2018 – Jul 2019

Advanced Manufacturing Enterprise | University at Buffalo and The State University of New York

Supply chain manage tools, IoT, product lifecycle management, performance measurements.

Aug. 2020

Programming for everybody (Python 3) | University of Michigan

Building blocks, variables, expressions, statements, conditional, functions, loops.

Oct. 2020

Experiences

Heat Pipes Laboratory (Labtucal)

Florianópolis, Brazil

- Research Intern in Welding Processes

Sept. 2019 – Oct 2020

- Part of the materials team, study of heat exchangers and investigation of welding processes; development of parameters to diffusion welding of aluminum alloys, analysis of the samples and micrographs, reports elaboration.

Institute of Materials Science of Mulhouse (IS2M)

Mulhouse, France

- Research Intern in Materials Laboratory of Nanoparticles

Nov. 2018 – Jul 2019

- Formulation and development of materials with determined properties ;

- Contact with processes of photoreaction; analysis of results and elaborating reports.

Bosch Rexroth S/A

Pomerode, Brazil

- Quality Laboratory Intern

Sept. 2017 – May 2018

- Testing components produced in the company through thermic treatment, such as superficial hardness, treatment depth, microstructure, and nucleus hardness

- Contaminants analysis of components for produced before being sent to the client

- Failure analysis of components

Ceramic & Composite Materials Research Laboratories

Florianópolis, Brazil

- Research Intern

May 2016 – Sept. 2017

- Modelling of a specific prosthesis (SolidWorks), investigating cases of the similar prosthesis and following up with patients, computational simulation of three different models with differing characteristics (COMSOL), analyzing the material and mechanical performance of different prosthetic models.

CERTI Foundation

Florianópolis, Brazil

- International Office Intern

Sept. 2013 – Mar 2014

- Sorting and handling of internal documents, creating materials for presentations, corresponding with local and international clients and partners, attending events of innovation and entrepreneurship

- Collaborating in the construction and execution of projects, management of online platform.

Personal Skills

- Teamwork ; highly self-taught ; flexible
- Good communication skills
- Technology enthusiastic, curious
- MS Office ; Excel, PowerPoint ; CAD (SolidWorks)
- Experience with quality tools, ISO 9001, Kanban system

- Languages

- Portuguese: native
- English : fluent
- French, German: C1 (TCF and TestDaF)
- Spanish: advanced
- Italian, Dutch: basic