



Claudio Roberto Scheer Junior

SOFTWARE ENGINEER

Três de Maio - Rio Grande do Sul - Brazil

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Education

Pontifical Catholic University of Rio Grande do Sul - PUCRS

Porto Alegre - RS, Brazil

MASTER'S DEGREE IN COMPUTER SCIENCE

Mar. 2020 - PRESENT

- I am advised by Ph.D. Dalvan Griebler and a member of GMAP (<https://gmap.pucrs.br>), a group focused on Big Data and in High-Performance Computing (HPC).
- I am currently working on my dissertation related to the use of machine learning to optimize stream processing in multicore architectures.

Três de Maio Faculty - SETREM

Três de Maio - RS, Brazil

BACHELOR OF INFORMATION SYSTEMS

Feb. 2015 - Sept. 2019

- Course focused on general understanding of the area of information technology, deepening knowledge in software development.
- The final bachelor's thesis was related to the use of deep learning in agriculture.

Três de Maio Faculty - SETREM

Três de Maio - RS, Brazil

TECHNICAL COURSE IN COMPUTER SCIENCE

Jan. 2013 - Jan. 2015

- Course with main focus on system design, analysis and development.

Skills

Idioms Portuguese (native), English (fluent)

Professionals Python, C++, PyTorch, JavaScript, Java, Hadoop, Amazon Web Services (AWS)

Experience

Laboratory of Advanced Research on Cloud Computing - LARCC

Três de Maio - RS, Brazil

ASSOCIATE RESEARCHER

Jun. 2018 - PRESENT

- <https://larcc.setrem.com.br>
- Development of research projects related to machine learning and High-Performance Computing (HPC).

Três de Maio Faculty - SETREM

Três de Maio - RS, Brazil

IT PROFESSOR

Jan. 2019 - Mar. 2020

- Professor of Arduino.
- Professor of programming logic with Java.

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SOFTWARE ENGINEER

Nov. 2014 - Mar. 2021

- Development of software related to education.

Projects

A1 Lab

[Open Source](#)

SOFTWARE ENGINEER

July 2020 - PRESENT

- **URL:** <https://github.com/lab-a1>
- **About:** Development of artificial intelligence projects, mainly related to machine learning. The main goal is to study artificial intelligence field through problem solving.