



*Curriculum Vitae*

# Claudio Cesar de Sá

I am a retired Associated Professor of Computer Science in Brazil after teaching for more than 35 years courses like introduction to programming, symbolic artificial intelligence, mathematical logic, data structures, and more. My experience involves mostly constraint programming, first-order logic, multi-paradigm programming, and declarative languages (e.g. PROLOG, PICAT, Haskell, Minizinc, C/C++, Python, V, etc.). Now, I wish to start a new chapter of my career and I'm looking to shift towards helping solve industry-oriented real-world problems using the knowledge and expertise I acquired throughout my life. Please, check the note about my *availability* at the end of this CV.

## PERSONAL DETAILS

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<i>Site</i> myself	<a href="https://claudiocesar.wordpress.com/">https://claudiocesar.wordpress.com/</a> – it contains other directions about myself
<i>GitHub</i>	<a href="https://github.com/claudiosa/">https://github.com/claudiosa/</a>

## EDUCATION

### Post-doctorate Research (sabbatical year)

2010 – 2010

*Université d'Auvergne – Clermont Ferrand – Aurvegne – France*

Grant support from Coordination for the Improvement of Higher Education Personnel (CAPES – Brazil).  
Subject: theoretical aspects of Constraint Programming.

### Doctor in Science

1992–1997

*Aeronautics Institute of Technology (ITA) – São José dos Campos – SP – Brazil*

Grant support from Coordination for the Improvement of Higher Education Personnel (CAPES – Brazil) and Federal University of Alagoas.

Subject: Artificial Intelligence and Theory of Computation.

### Master in Science

1982–1987

*Federal University of Paraíba (UFPb) – Campina Grande – PB – Brazil*

Subject: Performance Network.

### Bachelor in Electrical Engineering

1977-1981

*Santa Catarina State University (UDESC) – Joinville – SC – Brazil*

## WORK EXPERIENCE

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(Only, the most recent activities)

### WhatsTV

2021 –  
current

<https://www.whatstv.com.br/>

I had worked technical support for users of our product. As well as, I have been contact/tests with many Web technologies.

### Upwork

2019 – 2021

<https://www.upwork.com/> – *Eventually, on-demand.*

I had worked as a programmer in languages listed below, my profile is found in: <https://www.upwork.com/o/profiles/users/~019017be3783b12815/>. I am putting in hold on.

### Modal Institute (Instituto Modal)

2020–2020

*Full-time* – <https://institutomodal.org.br/>

I worked for one month in a project with Prolog, consulting, training a team, and developer.

### Lecturer in Computer Science

1986 – 2019

*Many universities in Brazil as Computer Science professor*

During this period I taught and research in many universities in Brazil. The CNPq site brings a detailed CV about myself in: <http://lattes.cnpq.br/2946250323814779> This CV provided is strictly with an academic view. It is omitted due its size.

## TECHNICAL SKILLS

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*Operating*

*System:*

WINDOWS, LINUX and ANDROID

*Programming:*

C++ (★★), C (★★★), PYTHON (★★★), PICAT (★★★★★), PROLOG (★★★★★), ASP (★★★), V Programming Language (★★★), Haskell (★★★), BASH (★★)

where a ★: represents domain or fluency

*Solvers:*

MINIZINC, OPL, OR-TOOLS and ANSWER SET PROGRAMMING – ASP

*Editors:*

LIBREOFFICE, L<sup>A</sup>T<sub>E</sub>X, EMACS

## SKILLS

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- Symbolic AI
- Declarative Languages
- Constraint Programming
- Modelling in Combinatorial Problems
- Linux
- Embedded Systems (ARM architectures)

## PROFILE SUMMARY

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- Wrote two didactic books (in Portuguese)
- Published around 60 papers in conferences and symposiums
- Published 5 papers in magazines
- Taught more than 30 different courses on CS
- Supervised 5 master thesis
- Advised 20+ capstone projects and internships in BS programs
- Actuated as team coach for 10+ years in the ICPC/ACM at UDESC

## LANGUAGES

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*Languages:* Portuguese (mother tongue)  
English (fluent)  
French (fluent – except to write)  
Spanish (good – except to write)

## AVAILABILITY

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Due to many reasons, at this moment, I am interested in a part-time remote job. Thus, short-duration consulting jobs have been more suitable for me. However, in the future, a country or city change can be considered.

## HOBBIES

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*Swimming:* Active swimmer in open water competitions in Brazil – level advanced according to my age!

*Gardening:* in my retirement I discovered my green thumb

*My Youtube channel:* In this channel <https://www.youtube.com/channel/UCdXNTAs1Sv7ARPr-TuViEUA>, I am posting what I am currently studying