Claudio Cesar de Sá
Independent Researcher in
Computer Science
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Claudio Cesar de Sá

- ▶ Dr., Technological Institute of Aeronautics, 1997
- ▶ MSc., Master of Science in Electrical Enginering – Federal University of Paraiba, 1987
- ▶ Graduate in Electrical Enginering – State University of Santa Catarina, 1981
- ▶ ccs1664{@gmail.com | @yahoo.com}
- ▶ Retired from UDESC since Noember–2019

Academic Activities

- Artificial Intelligence $\rightarrow$ applied to solve real problems
- Combinatorial (Discrete) Optimization
- Modelling with Constraint Programming
- Declarative Languages – Haskell, Prolog and Picat
- Free Software Community

Teaching Activities

- ▶ Mathematical Logic
- ▶ Theory of Computation
- ▶ Formal Methods
- ▶ Foundations of Constraint Programming
- ▶ Programming Languages
- ▶ Data Structures

Additional Activities

- Enrolled in Free Software Community
- General coordination: Contest Programming of ACM in UDESC
- Consulting of some enterprises: essentially courses
- Currently, aiming applications for free software and AI (models) for *start-up* enterprises

The Goals or Next Steps:

- ▶ Some invitations to write books
- ▶ The usage of Picat in planning applied ...
- ▶ A language for model description in Haskell
- ▶ The Minizinc codes for description of models (other direction)
- ▶ Some AI tools applied in *start-up* enterprises
- ▶ Hybridization of discrete techniques, such CP for instance, and an evolutionary approach