

William Prigol Lopes

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EDUCATION

UFRGS

PH.D. ADMINISTRATION
OPERATIONS RESEARCH
Present | Porto Alegre, RS

UFRGS

MS.C. ADMINISTRATION
OPERATIONS RESEARCH
Grad. Oct 2013 | Porto Alegre, RS

UNIVATES

Grad. Jan 2010 | Lajeado, RS

LINKS

Facebook:// [william.prigol.lopes](#)
Github:// [wprigolopes](#)
LinkedIn:// [william-prigol-lopes](#)

SKILLS

PROGRAMMING

Over 1000 lines:

- PHP • Shell • C++
- PostgreSQL • \LaTeX
- Java • CSS • Javascript
- IBM CPLEX

Familiar:

- MySQL • SQL Server
- Python

EXPERIENCE

CODE2B | FREELANCER SOFTWARE ENGINEER

Mar 2014 - Present | Lajeado, RS

- Led and actively developed a B2B ecommerce to a chemical company that receives more than 7k users monthly, with more than 200k items in catalog, respecting the foreign trade scenario rules and specific Brazilian chemical regulations.
- Applied Apache Kafka as real-time database replicator to structure a data warehouse containing more than 200 topics.
- Developed on demand a series of small systems inside organizations

UNIVATES | ASSISTANT PROFESSOR

Jan 2014 - Dec 2014 | Lajeado, RS

- Information Systems (+200 enrolled in 3 editions)
- Supervised practice (+15 enrolled in 1 edition)

TEUTONIA SCHOOL | TEACHER

Jan 2011 - Dec 2011 | Teutonia, RS

- Software Development with PHP and Mysql (1 year edition)

SOLIS | SOFTWARE ENGINEER

Jan 2003 - Jun 2014 | Lajeado, RS

- Created a pattern to use Jenkins as CI tool inside projects, bringing quality on software versioning and delivery.
- Trained more than 10 internal teams in Universities around Brazil in PHP and PostgreSQL focused to fork an open source project called SAGU.
- Developed a series of functionalities in SAGU and in internal systems.

UNIVATES | UNDERGRADUATE RESEARCHER

Mar 2002 - Dec 2003 | Lajeado, RS

- Projected a low cost educational environment using Linux Terminal Server Project (LTSP) and FFMPEG lib.

AWARDS

2010 Best final term paper UNIVATES

PUBLICATIONS

- [1] P. Guedes, W. P. Lopes, L. R. Rohde, and D. Borenstein. Simple and efficient heuristic approach for the multiple-depot vehicle scheduling problem. *Optimization Letters*, 2016.
- [2] W. P. LOPES and C. D. P. Martens. Proposal for implementation of cmml practices in software development. *7th International Conference on Information Systems and Technology Management*, 2010.