



Lucas Lemos

System Development Engineer @ Siemens | Software Developer
C/C++, JS, SQL, Bash, Linux

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PROFILE

With over five years of work experience, I'm a passionate developer that learned life is much more than coding. Working with international teams since 2016, I really believe in the diversity and talent that a remote first environment brings to the table.

From low-level backend optimization to the UI & UX, I enjoy navigating the end to end spectrum of skills that a real-world solution requires so the well established silos of knowledge can be minimized.

HARD SKILLS

C++	<div><div></div></div>
SQL	<div><div></div></div>
Linux	<div><div></div></div>
C	<div><div></div></div>
Javascript	<div><div></div></div>
Bash	<div><div></div></div>

SOFT SKILLS

Leadership	<div><div></div></div>
Communication	<div><div></div></div>
Troubleshooting	<div><div></div></div>
Problem Solving	<div><div></div></div>

TOOLS & SERVICES

Gitlab	<div><div></div></div>
Docker	<div><div></div></div>
Vim	<div><div></div></div>
CI/CD	<div><div></div></div>
GDB	<div><div></div></div>

EXPERIENCES

System Development Engineer *Siemens / Curitiba-BR / 2021 - Present (3 years)*

Data Modeling of CIM-based application in a framework built on top of Oracle, C++, Perl and Bash scripts. I'm involved in bug fixing, new features design and tightening the gap with other teams (SysAdmins, UI and System Architects)

SIEMENS

Junior System Development Engineer *Siemens / Curitiba-BR / 2018-2020 (2 years)*

Joined a team that developed from the ground up a Self-Healing solution for the Distribution grid. Using internal technologies for the back and frontend, I became the "one-man band" that implemented features and talked to customers

SIEMENS

Intern - R&D *TDK InvenSense / Grenoble-FR / 2018 (6 months)*

Developed a project to use an array of microphones to detect a sound source in 3D space. Started from researching academic papers in the literature to building a prototype of an MVP solution.

TDK

Intern - Researcher *GIPSA Lab / Grenoble-FR / 2017 (3 months)*

I worked on a visual perception bio-inspired model to categorize natural vs. artificial images. An image was classified with a set of filter to mimic how human brain works. We experimented with classic image classification algorithms to understand how far it could go.

gipsa-lab

EDUCATION

Masters in Embedded System *Polytech Grenoble 🇫🇷 / 2016-2018*

**POLYTECH*
GRENOBLE**

Embedded System Engineer *UFPR Curitiba 🇧🇷 / 2012-2018*

UFPR
UNIVERSIDADE FEDERAL DO PARANÁ

LANGUAGES

English	<div><div></div></div>
French	<div><div></div></div>
Portuguese	<div><div></div></div>