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 stablished silos of knowledge can be minimized.

HARD SKILLS

- C++
- SQL
- Linux
- C
- Javascript
- Bash

SOFT SKILLS

- Leadership
- Communication
- Troubleshooting
- Problem Solving

TOOLS & SERVICES

- Gitlab
- Docker
- Vim
- CI/CD
- GDB

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
- French
- Portuguese