

# Maurício Spinardi

*Embedded payment software  
engineer*

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28 y/o, single



## About me

Software developer with a background in C, C++, Java and Lua. Experienced with embedded payment solutions (ISO 8583, EMV contact and contactless card processing) and on-demand maintenance. Used to work with hardware from Verifone and Ingenico.

Highlights as developer: *POS PagBem, POS SafraPay, POS Rede, PINPAD ABECS, PINPAD Listo, PINPAD Bradesco and Biblioteca Compartilhada (BC).*

Highlights as Verifone Support Engineer or Specialist Consultant: *POS Vero Banrisul (3IA), PW-HAL and POSWEB (Muxi), PagSeguro (UOL), POS UNICA (Tribanco) and Stone.*

## Professional background

*CloudWalk, Inc*

since nov/20 **Software Engineer**

Development and maintenance of capture solutions from CloudWalk, Inc.

*Verifone do Brasil Ltda*

apr/17 - oct/20 **Outsourced service provider**

Specialized support for Verifone Engage devices:

- Low-level interface (C/C++)
- Projects creation and maintenance (VDE, FST e Cygwin)
- Version control (Git)
- Package building (Shell), installation and (OTA) updates

*SETIS Automação e Sistemas Ltda*

jan/17 - oct/20 **System Analyst**

Embedded payment software development and maintenance:

- EMV card processing
- Multiplatform development (C and Lua)
- Analysis and implementation of business rules (C/C++, Lua, HTML, XML e JSON)
- Low-level interface (C/C++)

*SETIS Automação e Sistemas Ltda*

mar/16 - dec/16 **Intern**

*Universidade Federal de São Carlos - Campus Sorocaba*

mar/14 - jun/14 **Object Oriented Programming Teaching Assistant**

Written in L<sup>A</sup>T<sub>E</sub>X

<https://github.com/mauriciospinardi>

## Academic background

2017-2019	<b>M.Sc. in Computational Science</b> Federal University of São Carlos. Sorocaba, São Paulo.
2011-2016	<b>B.Sc. in Computer Science</b> Federal University of São Carlos. Sorocaba, São Paulo.

## Languages










Português	<b>Native</b>
English	<b>Intermediate</b> TOEFL® ITP: 613/677 (Exp. date: Oct. 2019)
Español	<b>Intermedio</b>

## Events and Certificates

title	<i>Telium SDK Training</i>	title	<i>Restrição = Inovação</i>
minister	Denise Tanizaka	minister	Fabio Akita
institution	Ingenico Group	institution	Federal University of São Carlos
date	nov/2017	date	aug/2015
title	<i>Free Software and Your Freedom</i>		
minister	Richard M. Stallman		
institution	Federal University of São Carlos		
date	jan/2013		

## Technical skills

- Used to the routines of different project management approaches;
- Familiar with embedded APIs of parallelism and asynchronism, PThreads, OpenMP and MPI.

Programming Languages	C/C++	
	Delphi	
	JavaScript	
	Java	
	Lua	
	Python	
	TypeScript	
Databases	MySQL, PostgreSQL	
Source control	Git	
	SourceSafe	
	SVN	